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DIGEST OF FY 1971 STATE PROGRAM PLANS

Environmental Protection Agency
Washington, D. C.

1971

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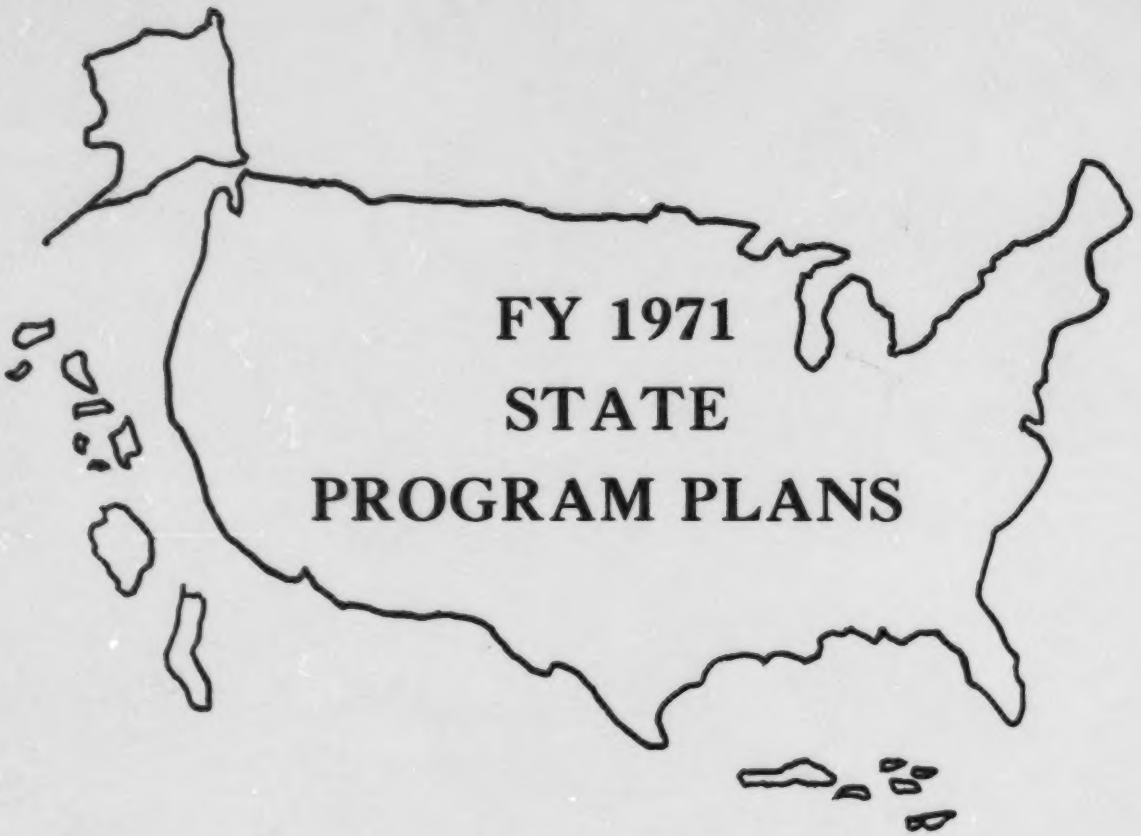

FY 1971
STATE
PROGRAM PLANS

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ENVIRONMENTAL PROTECTION AGENCY

WATER QUALITY OFFICE

WASHINGTON, D. C. 20242

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DIGEST OF FY 1971 STATE PROGRAM PLANS

ENVIRONMENTAL PROTECTION AGENCY
WATER QUALITY OFFICE
Washington, D.C. 20242

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PREFACE

This report has been prepared in response to requests of State water quality control agency administrators and others, to relay information describing program planning and implementation practices.

The information contained was extracted from the State Program Plans submitted by the States to the EPA Water Quality Office in order to share the $9.4 million in grants annually allocated under Section 7 of the Federal Water Pollution Control Act, as amended. (Appendix A)

This is the third such report since its development in FY 1969, and has been arranged following the form used in the grant application submitted by the States. (FWPCA 112 Appendix B):

1. Program Introduction
2. Program Authority and Organization
3. Pollution Control Surveillance & Enforcement
4. Water Pollution Control Facilities
5. Training
6. Pollution Control Studies and Planning
7. Public Information

Anyone requesting details on data and further information may contact the appropriate Regional Office of the EPA Water Quality Office. (Appendix C)

We appreciate the comments and suggestions for improving the Digest which have been received; users of this compilation are urged to make their needs known for consideration in future publications.

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PART A

STATE WATER QUALITY ADMINISTRATORS

Fifty-four State water pollution control agencies were designated to receive allotted State Program Grants for Fiscal Year 1971. A single agency is designated in all 50 States, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands. Twenty-three of the designated agencies are within State health organizations, seven are organized within water (or natural) resources agencies, and twenty-four are separate pollution control agencies within the State's organizational structure.

→ The report presents data for these water pollution control agencies. ←

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PART B

REQUESTS FOR ASSISTANCE FROM EPA

This Part lists the type of assistance needed from EPA-WQO by the State agencies in various water pollution control activities.

Figure 1 shows the total number of States requesting various types of assistance and points up where increased effort should be placed by the States and EPA.

STATE REQUESTS FOR ASSISTANCE FROM EPA-WQO

	R&D	Public Info.	Planning	Trng.	WQS	Federal Activities	Cons. Grants	Technical Support
Alabama								X
Alaska				X				X
Arizona		X		X				X
Arkansas	X	X		X	X			
California	X			X				X
Colorado				X				X
Connecticut				X				X
Delaware			X	X			X	X
D.C.	X		X	X	X		X	X
Florida				X				X
Georgia				X				X
Guam		X		X		X		X
Hawaii				X		X		X
Idaho	X		X					X
Illinois	X			X				
Indiana			X	X				X
Iowa			X	X				X
Kansas			X	X				
Kentucky				X				
Louisiana		X		X				X
Maine	X			X				X
Maryland	X			X			X	X
Massachusetts				X				X
Michigan	X						X	
Minnesota							X	X
Mississippi				X				X
Missouri				X				
Montana			X					X
Nebraska		X		X				X
Nevada				X			X	X
New Hamp.				X			X	
New Jersey								X
New Mexico			X	X		X		X
New York				X				X
N.Carolina								X
N. Dakota								X
Ohio								X
Oklahoma		X		X				X
Oregon	X							X
Pennsylvania				X			X	
Puerto Rico			X	X				X
Rh. Island	X						X	
S.Carolina			X	X				X
S. Dakota	X			X				X
Tennessee	X			X				X
Texas	X		X	X				X
Utah				X				X
Vermont				X				X
Virginia	X			X				X
Virgin Isl.								X
Washington		X	X					
West Va.				X				X
Wisconsin			X					
Wyoming								
total	14	7	13	39	2	3	9	42

State Requests for Assistance from EPA

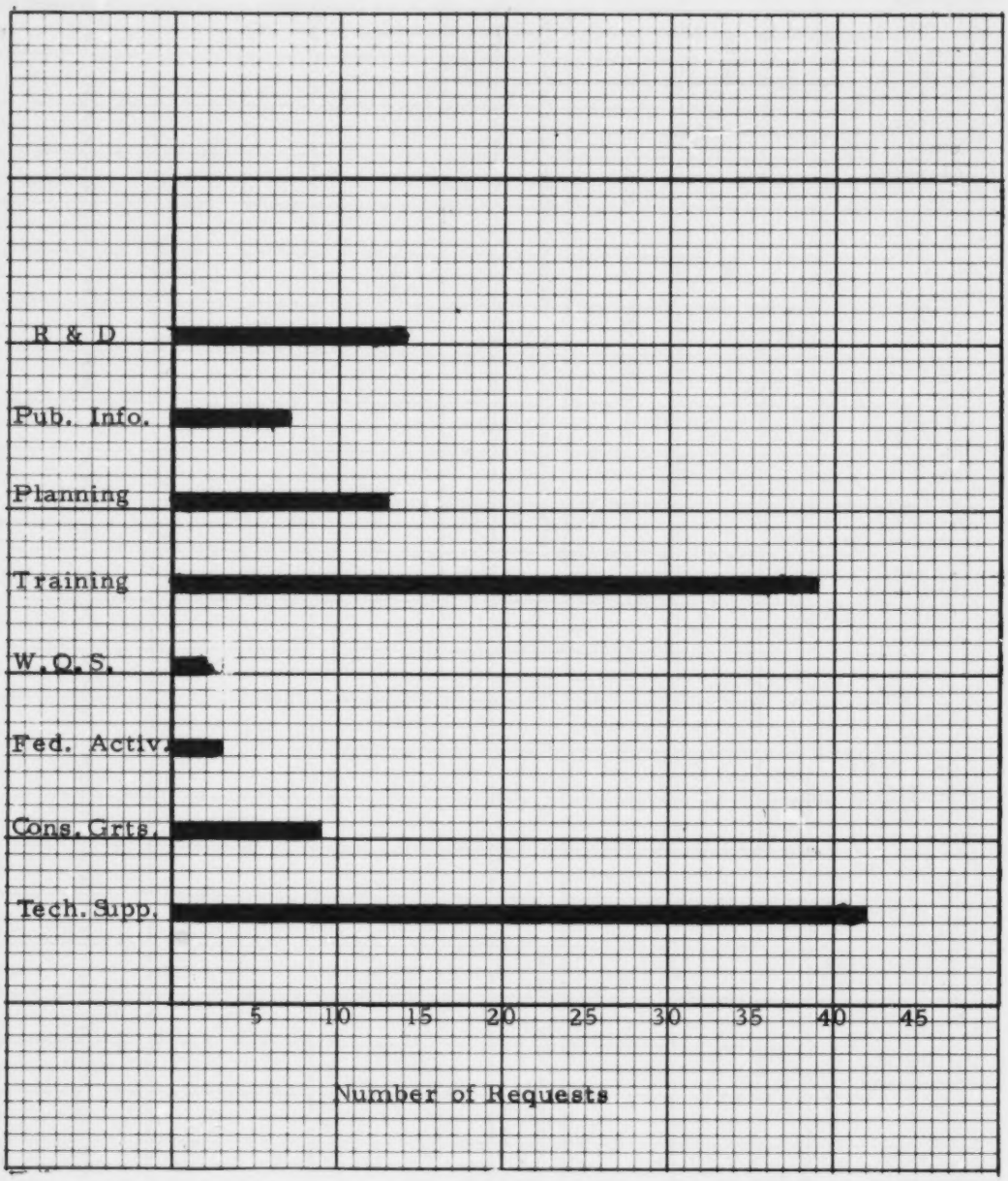


Figure 1

PART A

MAN-YEARS ASSIGNED BY STATE AGENCIES TO SPECIFIC PROGRAM ELEMENTS

This Part summarizes by Program Element the manpower allocations by the States for FY 1971.

The elements and man-years assigned were extracted from the Budget document submitted with the FY 1971 State Program Plan.

Since FY 1968, reported manpower allocations have increased by 57percent with the bulk of the increase in those activities related to pollution control surveillance and enforcement. Time spent in training, likewise has increased significantly.

Figure 2 depicts the national manpower allocations reported by the States for FY 1971 which total 2936.

MAN-YEARS ASSIGNED TO SPECIFIC PROGRAM ELEMENTS

	Pollution Control Surv.& Enf.	Water Poll. Control Facilities	Training	Pollution Control Studies & Plng.	Public Info.	Other	Total
Alabama	6.90	3.40	.70	5.50	1.70	4.00	22.20
Alaska	4.60	3.60	.60	2.00	.60	3.60	15.00
Arizona	3.00	2.00	1.00	3.25	.50	1.25	11.00
Arkansas	18.30	2.00	1.30	6.50	.40	6.50	35.00
California	88.00	8.00	5.00	12.00	9.00	70.30	192.30
Colorado	8.50	4.50	1.00	3.00	1.00	3.00	21.00
Connecticut	36.10	17.70	1.50	3.90	1.50	3.50	64.20
Delaware	14.20	10.00	2.00	6.00	1.00	----	33.20
D. C.	5.20	.10	52.20	5.40	.30	.60	63.80
Florida	27.34	3.35	6.00	7.09	5.21	23.01	72.00
Georgia	20.00	14.00	3.00	9.00	4.00	----	50.00
Guam	5.20	2.40	.20	1.80	1.00	----	10.60
Hawaii	23.30	3.00	.50	1.00	.30	2.90	31.00
Idaho	7.50	3.00	2.50	4.00	2.00	1.30	20.30
Illinois	131.70	21.30	10.00	2.80	2.80	19.40	188.00
Indiana	30.40	8,75	.51	7.84	.41	8.89	56.80
Iowa	9.25	4.50	1.00	2.75	.75	4.50	22.75
Kansas	15.08	3.40	1.30	14.05	.30	15.48	49.61
Kentucky	25.20	5.90	1.70	5.90	.80	6.30	45.80
Louisiana	28.90	8.10	1.40	8.70	1.90	----	49.00
Maine	11.50	5.00	2.50	7.50	2.50	----	29.00
Maryland	45.50	4.40	2.70	15.70	1.90	12.40	82.60
Mass.	21.00	5.00	1.00	9.00	2.00	20.00	58.00
Michigan	49.00	3.00	1.50	13.00	3.00	26.00	95.50
Minnesota	18.00	4.70	2.20	8.60	1.10	25.40	60.00
Mississippi	12.00	7.00	2.00	2.00	2.00	----	25.00
Missouri	13.50	8.00	3.00	4.50	2.50	----	31.50
Montana	3.50	1.50	.50	1.00	.20	.30	7.00
Nebraska	6.10	3.70	.10	1.80	.20	----	11.90
Nevada	1.80	1.10	.30	1.66	.25	.60	5.71
New Hamp.	38.00	18.50	1.00	6.00	2.50	----	66.00
New Jersey	32.70	30.80	3.00	14.80	2.20	5.40	88.90
New Mexico	8.30	2.00	1.00	1.10	.50	1.70	14.60
New York	99.00	116.00	5.00	36.00	16.00	28.00	300.00
N.Carolina	32.00	8.50	1.10	2.90	.30	12.20	57.00
N. Dakota	2.35	1.50	1.58	.19	.23	----	5.85
Ohio	28.00	18.00	4.00	4.40	1.20	4.40	60.00
Oklahoma	7.02	12.59	3.17	5.28	1.51	1.63	31.90
Oregon	19.60	9.00	.60	10.30	.50	1.80	41.80
Penna.	44.43	68.32	5.12	34.16	1.70	17.08	170.81
Puerto Rico	23.45	6.00	2.00	2.50	1.00	2.00	36.95
Rh. Island	15.00	9.50	.60	7.00	.30	.20	32.60
S.Carolina	15.00	4.00	.50	13.00	.50	10.00	43.00
S. Dakota	4.10	1.60	.60	1.80	.60	----	8.70
Tennessee	20.00	3.70	1.80	4.00	1.00	7.00	37.50
Texas	76.00	18.00	10.00	28.00	13.00	----	145.00
Utah	7.33	2.17	.87	1.31	.99	----	12.67
Vermont	8.75	9.25	.75	3.75	.50	----	23.00
Virginia	55.50	2.20	1.10	5.10	1.40	34.70	100.00
Vir. Isl.	7.50	2.50	.30	----	.10	.50	10.90
Washington	30.00	16.20	2.60	11.30	1.80	11.60	73.50
West Va.	22.00	1.20	1.00	3.10	.80	.40	28.50
Wisconsin	37.00	17.00	2.00	24.00	3.00	----	83.00
Wyoming	1.46	.62	.20	.41	.14	.17	3.00
Total	1323.56	548.55	159.05	396.14	102.64	398.01	2935.95

MAN-YEARS ASSIGNED TO SPECIFIC PROGRAM ELEMENTS

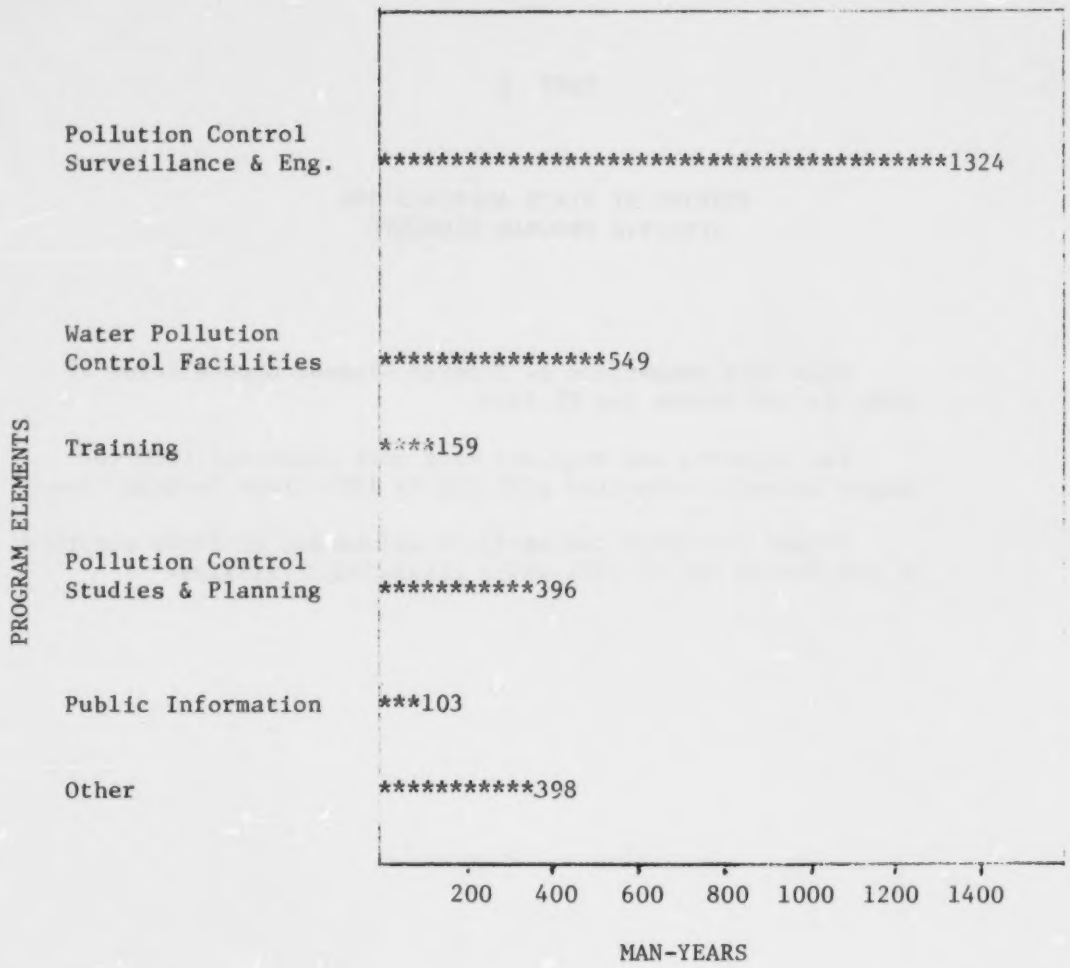


Figure 2

PART B

FUNDING BY STATE AGENCIES FOR SPECIFIC PROGRAM ELEMENTS

This Part summarizes by Program Element expenditures of funds by the States for FY 1971.

The elements and monetary data were extracted from the Budget document submitted with the FY 1971 State Program Plan.

Figure 3 depicts the national allocation of funds reported by the States for FY 1971 which totals $41.4 million.

FUNDING BY STATE AGENCIES FOR SPECIFIC PROGRAM ELEMENTS

STATES	POLLUTION CONTROL SURV.& ENF.	W.P.C. FACILITIES	TRAINING	POLLUTION CONTROL STUDIES & PLNG	PUBLIC INFO.	OTHER	TOTAL
Alabama	92,235	47,461	13,017	131,021	18,743	46,773	349,250
Alaska	37,300	36,600	7,300	16,000	8,000	29,500	134,700
Arizona	47,460	31,200	17,492	45,000	3,950	18,506	163,617
Arkansas	204,400	22,300	14,500	72,520	4,460	72,520	390,700
California	1,962,000	198,800	102,000	618,600	182,200	398,770	3,462,370
Colorado	115,281	63,733	11,506	45,502	21,841	50,622	308,485
Connecticut	377,534	184,805	15,661	41,102	15,661	36,542	671,305
Delaware	86,000	93,300	17,500	73,800	17,500	------	288,100
D. C.	60,600	1,500	357,344	230,000	6,000	12,100	667,544
Florida	351,154	43,004	77,037	91,095	66,957	295,572	924,819
Georgia	304,782	203,646	42,170	143,306	60,340	------	754,244
Guam	59,969	16,000	1,500	28,500	8,500	------	114,469
Hawaii	197,000	20,000	5,000	15,000	1,000	18,000	256,000
Idaho	90,000	42,000	40,000	66,000	20,100	------	258,100
Illinois	1,929,536	312,840	145,992	41,712	41,712	283,548	2,755,340
Indiana	428,499	106,293	11,354	83,307	4,501	80,404	714,358
Iowa	97,377	47,248	10,563	29,002	7,875	53,715	245,780
Kansas	150,750	37,250	16,500	129,100	1,100	189,300	524,000
Kentucky	268,528	62,656	17,902	62,656	8,951	71,853	492,546
Louisiana	319,500	70,702	14,000	90,000	21,400	------	515,602
Maine	197,840	92,019	29,906	101,220	39,108	------	460,093
Maryland	818,035	65,383	68,677	321,069	24,645	253,321	1,551,130
Massachusetts	272,030	112,915	12,948	108,139	33,642	182,524	722,198
Michigan	702,000	67,500	13,500	189,000	27,000	351,000	1,350,000
Minnesota	305,517	59,742	27,574	113,277	13,786	297,459	817,355
Mississippi	88,738	89,939	8,993	14,990	14,990	------	217,650
Missouri	225,800	90,900	35,000	40,534	35,000	------	427,234
Montana	60,000	21,268	7,396	12,000	3,000	4,000	107,664
Nebraska	89,876	58,695	1,834	27,513	5,503	------	183,421
Nevada	18,270	11,194	3,074	16,820	2,552	6,090	58,000
New Hampshire	304,256	185,866	7,460	62,400	20,844	------	580,826
New Jersey	402,758	320,194	36,860	185,234	26,944	66,114	,038,104
New Mexico	84,000	26,000	13,000	8,700	6,000	27,600	165,300
New York	1,215,813	1,363,665	97,525	1,685,421	172,278	680,330	5,215,032
N. Carolina	395,580	104,810	13,440	36,320	3,030	221,350	774,530
N. Dakota	17,700	20,500	21,200	2,500	3,000	------	64,900
Ohio	447,785	330,595	61,756	78,837	45,284	302,918	1,267,175
Oklahoma	60,970	97,368	33,408	36,103	15,449	65,400	298,698
Oregon	253,367	119,701	16,298	124,619	11,000	40,757	565,735
Pennsylvania	621,676	920,256	82,602	427,556	27,124	495,064	2,574,278
Puerto Rico	132,045	22,500	10,000	84,368	5,000	123,900	377,813
Rhode Island	167,000	73,000	14,000	33,200	11,000	------	298,200
S. Carolina	120,000	51,500	7,000	95,000	7,000	242,374	522,874
S. Dakota	49,500	17,700	7,900	22,900	7,000	------	105,000
Tennessee	288,820	53,410	25,990	57,750	14,400	97,150	537,520
Texas	1,498,654	218,085	32,395	217,874	150,331	81,000	2,198,339
Utah	75,969	30,098	11,453	18,246	11,686	------	147,452
Vermont	107,923	113,984	9,242	46,210	6,161	------	283,520
Virginia	710,000	27,100	14,100	65,000	17,040	443,000	1,276,240
Vir. Islands	70,000	20,000	2,500	7,950	2,000	3,000	108,150
Washington	471,991	254,505	40,489	178,153	28,921	182,781	1,156,840
West Va.	201,382	35,000	25,000	50,000	5,000	29,170	345,552
Wisconsin	653,500	316,700	30,000	434,300	35,000	125,500	1,595,000
Wyoming	28,800	12,250	4,000	7,750	2,800	7,400	63,000
TOTAL	18,337,508	7,045,679	1,764,857	6,964,175	1,354,208	5,976,926	41,443,451

Budgeted Expenditures by Program Element

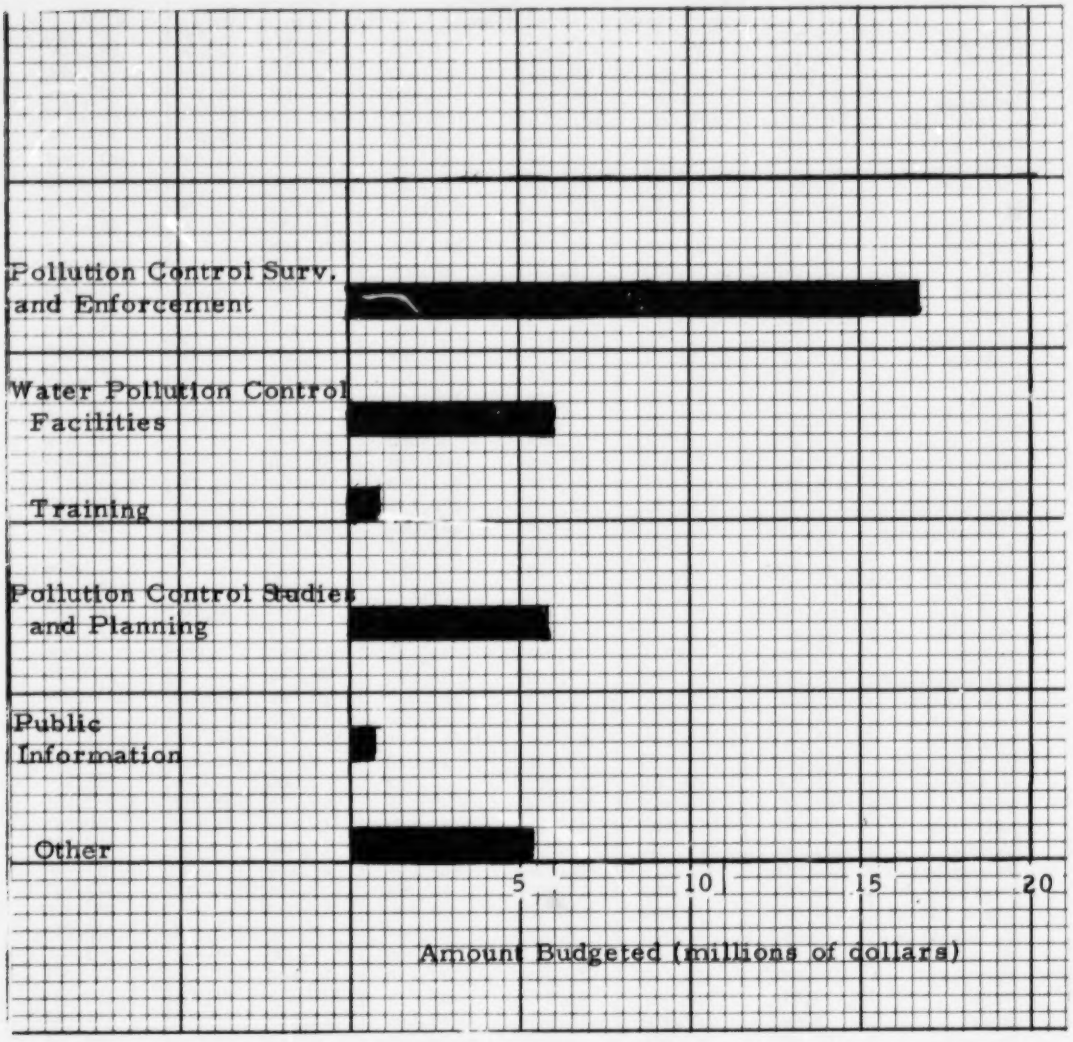


Figure 3

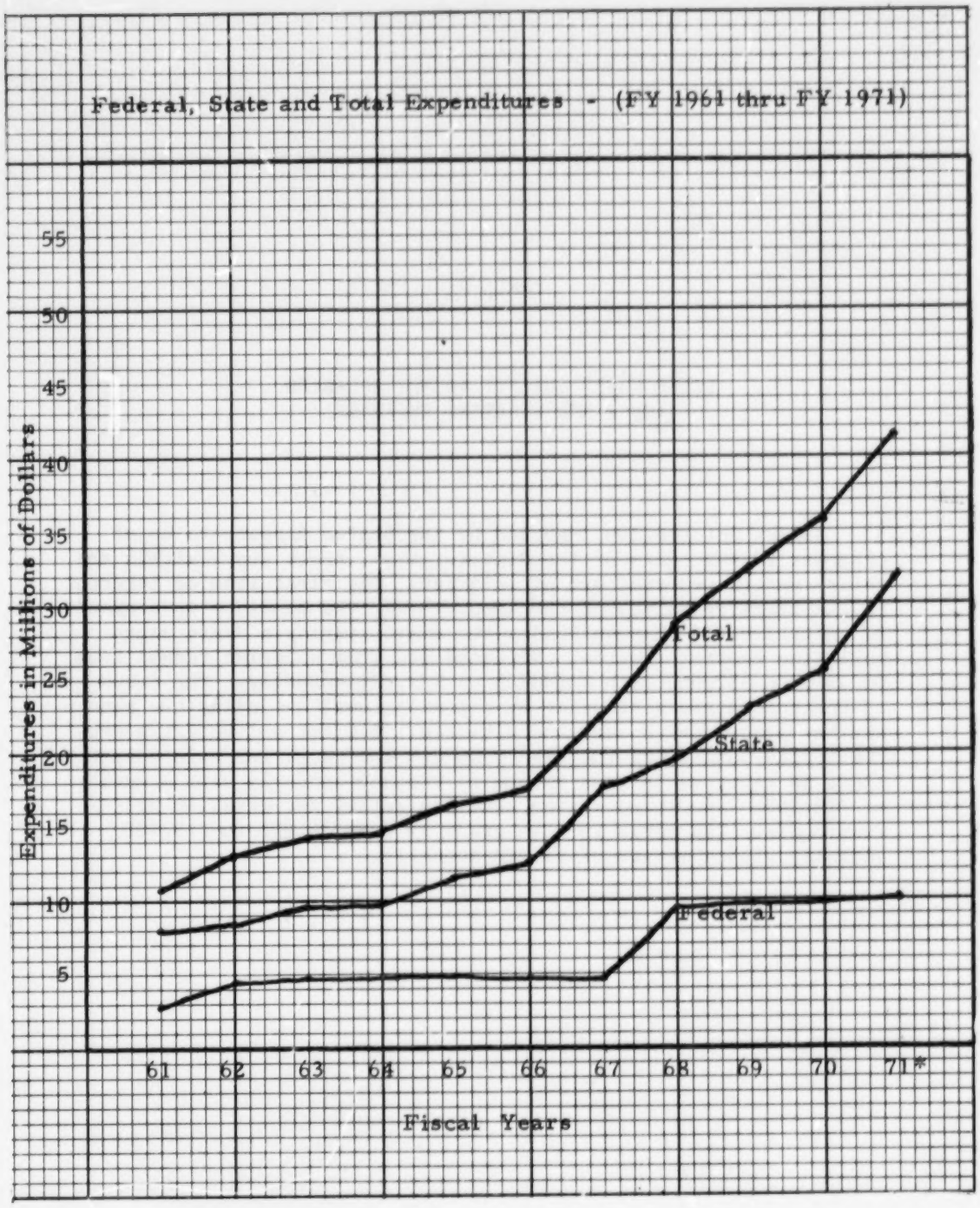
PART C

FEDERAL-STATE EXPENDITURES
(FY 1971 ESTIMATES)

As in the preceding Part, the figures in this part were extracted from the FY 1971 Budget document submitted by the State agencies. It compares the reported State and Federal funds allotted for water pollution control by each State agency as well as providing a combined total of funds reported to be expended.

Figure 4 shows the Federal, reported State, and Total Program of water pollution control expenditures for FY 1961 thru FY 1971.

STATE	FEDERAL EXPENDITURES	STATE EXPENDITURES	TOTAL EXPENDITURES
Alabama	190,500	158,750	349,250
Alaska	20,000	114,700	134,700
Arizona	75,500	88,117	163,617
Arkansas	115,700	275,000	390,700
California	661,100	2,801,270	3,462,370
Colorado	88,000	220,485	308,485
Connecticut	167,400	503,905	671,305
Delaware	85,900	202,200	288,100
D. C.	87,800	579,744	667,544
Florida	266,300	658,519	924,819
Georgia	218,700	535,544	754,244
Guam	75,000	39,469	114,469
Hawaii	71,100	184,900	256,000
Idaho	44,100	214,000	258,100
Illinois	428,000	2,327,340	2,755,340
Indiana	230,000	484,358	714,358
Iowa	121,200	124,580	245,780
Kansas	97,600	426.400	524,000
Kentucky'	165,000	327,546	492,546
Louisiana	184,100	331,502	515,602
Maine	63,000	397,093	460,093
Maryland	181,300	1,369,830	1,551,130
Massachusetts	264,600	457,598	722,198
Michigan	357,800	992,200	1,350,000
Minnesota	155,400	661,955	817,355
Mississippi	145,100	72,550	217,650
Missouri	196,700	230,534	427,234
Montana	39,000	68,664	107,664
Nebraska	66,400	117,021	183,421
Nevada	23,787	34,213	58,000
New Hamp.	63,500	517,326	580,826
New Jersey	311,900	726,204	1,038,104
New Mexico	52,300	113,000	165,300
New York	650,400	4,564,632	5,215,032
N.Carolina	264,600	509,930	774,530
N. Dakota	37,200	27,700	64,900
Ohio	447,300	819,875	1,267,175
Oklahoma	117,600	181,098	298,698
Oregon	96,900	468,835	565,735
Pennsylvania	488,300	2,085,978	2,574,278
Puerto Rico	195,000	182,813	377,813
Rhode Island	111,000	187,200	298,200
S.Carolina	157,400	365,474	522,874
S. Dakota	38,500	66,500	105,000
Tennessee	208,200	329,320	537,520
Texas	427,000	1,771,339	2,198,339
Utah	55,400	92,052	147,452
Vermont	43,700	239,820	283,520
Virginia	210.500	1,065,740	1,276,240
Vir. Islands	70,300	35,150	105,450
Washington	131,037	1,025,803	1,156,840
West Va.	111,682	233,870	345,552
Wisconsin	193,000	1,402,000	1,595,000
Wyoming	23,600	39,400	63,000
Total	9,392,406	32,051,045	41,443,451



*FY 71 Expenditures are Estimates

Figure 4

PART D

STATE WATER QUALITY AGENCY SALARIES
(TOP 2 AND STARTING ENGINEER)

Salary information reported by the States appears to be of interest to the users of the Digest. Also, those steps within the salary ranges reported are of interest. The First item of interest is the starting salary of the agency head, the monetary inducement to undertake the responsibility for administering a State water pollution control program. Reported starting salaries ranged from $10,560 to $32,000 with a median of $22,200 annually. The Second is the top salary attainable by a professional excluding the head of the agency, which sets the ultimate limit for all entering professionals, excluding the agency head. The range for this salary class as reported is from $9,600 to $28,200 annually with a median of $18,148. The Third is the starting salary for entering professionals. The range in this grade is from $6,000 to $19,400 annually with a median of $9,000 annually.

State Water Quality Agency Salaries - Top 2 and Starting Engineer

STATE	TOP		SECOND		Starting Engineer
	From	To	From	To	
Alabama	14,500	18,800	13,900	18,000	8,900
Alaska	16,200	19,500	14,000	16,800	10,400
Arizona	16,500	21,100	15,100	19,300	9,700
Arkansas	12,000	-------	11,652	16,680	7,716
California	26,300	-------	25,000	-------	9,900
Colorado	16,400	22,000	14,200	19,000	9,600
Connecticut	18,500	22,800	16,000	19,600	7,800
Delaware	22,000	-------	16,100	22,800	10,900
Dist. of Columbia	33,000	-------	27,000	-------	11,000
Florida	24,000	-------	22,000	-------	10,000
Georgia	22,200	-------	13,648	18,148	8,944
Hawaii	20,000	-------	18,000	-------	9,000
Idaho	12,500	15,200	12,000	15,000	9,000
Illinois	23,000	32,000	19,600	27,100	9,600
Indiana	23,280	29,520	22,200	28,200	9,840
Iowa	13,812	19,428	12,528	17,628	9,348
Kansas	12,300	17,200	9,800	13,600	8,100
Kentucky	17,000	20,000	15,000	19,000	9,000
Louisiana	10,560	15,630	9,600	14,400	8,640
Maine	20,000	--------	14,100	17,100	8,800
Maryland	14,600	19,200	13,300	17,500	9,300
Massachusetts	19,297	24,523	14,872	18,866	8,432
Michigan	21,100	26,000	20,100	24,700	9,500
Minnesota	15,600	20,500	13,900	18,200	8,300
Mississippi	16,000	-------	13,200	15,000	8,700
Missouri	14,000	19,000	13,000	17,000	8,000
Montana	12,250	15,300	10,250	12,800	7,500
Nebraska	12,000	14,500	10,800	13,800	7,500
Nevada	17,800	21,500	14,700	17,800	8,800
New Hampshire	20,748	-------	17,514	-------	11,718
New Jersey	14,590	18,916	12,603	16,383	9,405
New Mexico	11,760	15,600	10,320	13,920	7,560
New York	32,194	-------	28,350	-------	8,160
North Carolina	15,560	19,810	14,120	17,980	10,600
North Dakota	17,600	22,200	12,100	15,300	10,000
Ohio	20,000	26,000	16,000	21,000	8,000
Oklahoma	18,000	20,000	16,000	18,000	6,000
Oregon	15,130	19,320	13,730	17,530	6,600
Pennsylvania	25,000	27,700	16,900	22,800	9,000
Rhode Island	19,000	22,000	15,000	18,000	9,000
South Carolina	22,000	-------	20,000	-------	9,000
South Dakota	14,200	18,100	12,400	15,800	8,700
Tennessee	17,600	20,000	16,400	18,800	9,100
Texas	22,500	-------	18,500	-------	11,000
Utah	13,400	20,400	15,000	--------	11,000
Vermont	15,400	21,800	13,700	19,200	8,900
Virginia	16,800	-------	12,000	15,000	9,168
Washington	25,000	-------	12,780	16,310	9,080
West Virginia	12,700	15,700	11,580	14,580	10,400
Wisconsin	20,000	23,000	17,000	19,000	9,000
Wyoming	17,268	-------	14,508	-------	11,220
Guam	16,000	-------	12,000	-------	8,000
Puerto Rico	18,600	-------	18,600	-------	6,000
Virgin Islands	17,500	22,400	11,700	14,900	8,600

PART E

STATE-BY-STATE RANKING BY POPULATION, STATE BUDGET, MAN-YEARS ASSIGNED FEDERAL PROGRAM GRANT, AND TOTAL FUNDS

The tabulation in this Part provides various comparisons of resource allocation reported by the States, i.e., budget and manpower.

Rank by Population, Man-Years, State Budget, Federal Grant and Total Funds

STATES	Population (in thousands)	Rank By Population	Rank by Man-Years	Rank By State Fund	Rank By Fed. Grt.	Rank By Total Funds
Alabama	3444	21	40	40	19	32
Alaska	302	52	43	43	54	47
Arizona	1772	34	47	46	38	45
Arkansas	1923	33	29	29	30	30
California	19953	1	2	2	1	2
Colorado	2207	31	41	33	35	34
Connecticut	3032	24	14	19	22	19
Delaware	548	48	30	35	37	37
Dist. of Col.	757	42	15	15	36	20
Florida	6789	9	12	14	9	13
Georgia	4590	15	21	16	13	16
Hawaii	770	41	33	36	40	39
Idaho	713	44	42	34	47	40
Illinois	11114	5	3	3	5	3
Indiana	5194	11	20	20	12	18
Iowa	2825	25	39	41	28	41
Kansas	2249	29	22	23	33	24
Kentucky	3219	23	24	28	23	27
Louisiana	3643	20	23	26	20	26
Maine	994	39	34	24	44	28
Maryland	3922	18	10	7	21	7
Massachusetts	5689	10	18	22	10	17
Michigan	8875	7	7	10	7	8
Minnesota	3805	19	16	13	25	14
Mississippi	2217	30	36	47	26	42
Missouri	4677	13	32	32	16	29
Montana	694	45	51	48	49	49
Nebraska	1484	36	46	42	42	43
Nevada	489	49	53	53	52	54
New Hampshire	738	43	13	17	43	21
New Jersey	7168	8	8	12	8	12
New Mexico	1016	38	44	44	46	44
New York	18191	2	1	1	2	1
North Carolina	5082	12	19	18	11	15
North Dakota	618	47	52	54	51	52
Ohio	10652	6	17	11	4	10
Oklahoma	2559	28	37	39	29	35
Oregon	2091	32	26	21	34	22
Pennsylvania	11794	3	4	4	3	4
Rhode Island	950	40	31	37	31	36
South Carolina	2591	27	25	25	24	25
South Dakota	666	46	50	49	50	51
Tennessee	3924	17	27	27	15	23
Texas	11197	4	5	5	6	5
Utah	1059	37	45	45	45	46
Vermont	445	50	38	30	48	38
Virginia	4648	14	6	8	14	9
Washington	3409	22	11	9	27	11
West Virginia	1744	35	35	31	32	33
Wisconsin	4418	16	9	6	18	6
Wyoming	332	51	54	50	53	53
Guam	87	53	49	51	39	48
Puerto Rico	2690	26	28	38	17	31
Virgin Islands	63	54	48	52	41	50

PART A

EFFLUENT CONTROLS

Management of water quality through control of effluents is a significant adjunct to achieving compliance with water quality standards. All States except Arizona, Colorado, District of Columbia, Indiana, Nebraska, North Dakota, and Wyoming require permits, with Washington requiring permits for industries only.

Effluent Controls

STATES	Does the State Require Permits for: Municipalities YES	Municipalities NO	Industries YES	Industries NO	Percentage Under Permit Mcpl.	Indl.
Alabama			X		74%	80%
Alaska	X		X		3%	30%
Arizona		X		X	--	---
Arkansas	X		X		99%	96.5%
California	X		X		97.4%	89.7%
Colorado		X		X	--	---
Connecticut	X		X		100%	100%
Delaware	X		X		100%	100%
Dist. of Columbia		X		X	--	---
Florida	X		X		100%	90%
Georgia	X		X		37%	15%
Hawaii	X		X		21%	37%
Idaho	X		X		--	---
Illinois	X		X		99%	98%
Indiana		X		X	--	---
Iowa	X		X		nearly	all
Kansas	X		X		100%	94%
Kentucky	X		X		98%	97%
Louisiana	X		X		98%	90%
Maine	X		X		10%	20%
Maryland	X		X		100%	82%
Massachusetts	X		X		--	---
Michigan	X		X		100%	49%
Minnesota	X		X		16%	12%
Mississippi	X		X		10%	20%
Missouri	X		X		98%	80%
Montana	X		X		95%	90%
Nebraska		X		X	--	---
Nevada	X		X		100%	100%
New Hampshire	X		X		100%	100%
New Jersey	X		X		99.8%	60%
New Mexico	X		X		--	---
New York	X		X		100%	---
North Carolina	X		X		78%	85%
North Dakota		X		X	---	---
Ohio	X		X		100%	100%
Oklahoma	X		X		100%	100%
Oregon	X		X		80%	60%
Pennsylvania	X		X		90%	85%
Rhode Island	X		X		63%	65%
South Carolina	X		X		97%	97%
South Dakota	X		X		98%	60%
Tennessee	X		X		41%	51%
Texas	X		X		99%	96%
Utah	X		X		70%	65%
Vermont	X		X		97%	88%
Virginia	X		X		99%	99%
Washington		X	X		---	90%
West Virginia	X		X		70%	60%
Wisconsin	X		X		100%	95%
Wyoming		X		X	---	---
Guam	X		X		20%	---
Puerto Rico	X		X		100%	100%
Virgin Islands	X		X		100%	100%

PART B

Operation and Maintenance of Waste Treatment Facilities

Forty-nine of the States in this compilation require submission of operating reports from the waste treatment plants covered by their State regulations.

All agencies report routine inspection of waste treatment plants except for Florida, Minnesota, Puerto Rico, Mississippi, and Guam.

Certification of waste treatment plant operators is used by all States except Alaska, Guam, Mississippi, Puerto Rico, the Virgin Islands, and Wyoming. Certification is available for all types of plants in the States of; Arizona, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Vermont, Virginia, West Virginia, and Wisconsin..

At the present time only three States provide financial assistance for operation and maintenance of waste treatment facilities: New York, Pennsylvania, and the Virgin Islands.

Waste Treatment Plant Operating Reports

State	Type Of Plant	Frequency Of Report	Number Reporting	Number Not Reporting	Percent Reporting
Alabama	Municipal	Monthly	17	211	21%
	Industrial	Monthly	37	152	19%
	State	None	0	15	0
	Federal	Annually	1	21	5%
Alaska	Municipal	Monthly	3	22+	12%
	Industrial	Monthly	2	0	100%
	State	Monthly	0	Unknown	--
	Federal	N/A	1	25+	4%
Arizona	Municipal	None			
	Industrial	None			
	State	None			
	Federal	None			
Arkansas	Municipal	Monthly	6	176	3%
	Industrial	Monthly	10	20	33%
	State	None		3	--
	Federal	None		4	--
Calif.	Municipal	Mthly-Yearly	315	117	73%
	Industrial	Mthly-Yearly	302	1105	21%
	State	Wkly-Yearly	18	33	35%
	Federal	Wkly-Yearly	20	54	27%
Colorado	Municipal	Monthly	61	151	29%
	Industrial	--	-	-	--
	State	Monthly	0	5	--
	Federal	Monthly	7	32	18%
Conn.	Municipal	Monthly	74	2	97%
	Industrial	--	-	-	--
	State	Monthly	15	4	78%
	Federal	--	-	-	--
Delaware	Municipal	Monthly	18	0	100%
	Industrial	Monthly	2	-	--
	State	Monthly	2	0	100%
	Federal	None	0	1	--
D. C.	Municipal	Monthly	1	0	100%
	Industrial	None	0	0	--
	State	None	0	1	--
	Federal	None	0	1	--
Florida	Municipal	Monthly	95%	5%	95%
	Industrial	Month/Quar.	45%	55%	45%
	State	Monthly	95%	5%	95%
	Federal	Monthly	3%	97%	3%
Georgia	Municipal	Monthly	51	328	13%
	Industrial	Monthly	20	27	43%
	State	Monthly	2	13	13%
	Federal	On Request	0	12	--

State	Type Of Plant	Frequency Of Report	Number Reporting	Number Not Reporting	Percent Reporting
Guam	Municipal	None			
	Industrial	None			
	State	None			
	Federal	None			
Hawaii	Municipal	Weekly	25	0	100%
	Industrial	Bi-Weekly	All	0	100%
	State	Weekly	0	3	--
	Federal	-----	--	--	--
Idaho	Municipal	Monthly	90	0	100%
	Industrial	Monthly	20	15	57%
	State	Monthly	3	0	100%
	Federal	Monthly	2	2	50%
Illinois	Municipal	Monthly	566	70	89%
	Industrial	Monthly	107	23	82%
	State	Monthly	30	3	91%
	Federal	Monthly	5	--	100%
Indiana	Municipal	Monthly	240	15	94%
	Industrial	Monthly	132	378	26%
	State	Monthly	38	1	97%
	Federal	None	0	13	--
Iowa	Municipal	Monthly	405	143	74%
	Industrial	Monthly	19	30	38%
	State	Monthly	8	0	100%
	Federal	Monthly	1	1	50%
Kansas	Municipal	Monthly	22	435	5%
	Industrial	Monthly	14	111	11%
	State	Monthly	1	12	8%
	Federal	Monthly	1	8	11%
Kentucky	Municipal	Monthly	135	54	71%
	Industrial	As Required	16	--	100%
	State	As Required	3	--	100%
	Federal	None	2	--	100%
La.	Municipal	Monthly	45	240	18%
	Industrial	Monthly	30	5	86%
	State	Monthly	1	8	12%
	Federal	None	0	All	----
Maine	Municipal	Monthly	25	12	68%
	Industrial	None	--	All	--
	State	Monthly	2	5	28%
	Federal	Monthly	2	4	33%
Maryland	Municipal	Weekly-Mthly.	41	114	26%
	Industrial	Quarterly	37	-	100%
	State	Weekly	1	12	8%
	Federal	Monthly	1	19	5%

State	Type Of Plant	Frequency Of Report	Number Reporting	Number Not Reporting	Percent Reporting
Mass.	Municipal	Monthly	63	33	66%
	Industrial	Monthly	24	0	100%
	State	Monthly	8	16	33%
	Federal	Monthly	3	0	100%
Michigan	Municipal	Monthly	273	0	100%
	Industrial	Monthly	--	--	--
	State	Monthly	10	0	100%
	Federal	Monthly	3	2	60%
Minn.	Municipal	Monthly	124	320	28%
	Industrial	Monthly	85	855	9%
	State	Monthly	2	85	2 %
	Federal	None	--	--	--
Miss.	Municipal	Daily - Coastal Areas only ± 6			--
	Industrial	Daily - Largest plants only ± 6			--
	State	None			--
	Federal	None			--
Missouri	Municipal	Monthly	350	117	75%
	Industrial	Monthly	60	106	36%
	State	Monthly	5	57	8%
	Federal	Monthly	8	32	20%
Montana	Municipal	Ann-Lagoons Mthly-Mech.	53 16	50 2	51%
	Industrial	Monthly	20	33	89%
	State	Ann-Mthly	6	0	100%
	Federal	Annually	3	-	--
Nebraska	Municipal	None			--
	Industrial	None			--
	State	None			--
	Federal	None			--
Nevada	Municipal	Monthly	7	23	23%
	Industrial	None		10	--
	State	None		1	--
	Federal	None		6	--
N. H.	Municipal	Monthly	37	10	79%
	Industrial	Monthly	8	8	50%
	State	Monthly	5	0	100%
	Federal	Monthly	2	0	100%
N. J.	Municipal	Monthly	553	14	97%
	Industrial	Monthly	107	3	97%
	State	Monthly	24	3	89%
	Federal	Monthly	11	16	41%
N. M.	Municipal	Monthly	2	77	2%
	Industrial	Annually	2	--	--
	State	None			--
	Federal	None			--

State	Type Of Plant	Frequency Of Report	Number Reporting	Number Not Reporting	Percent Reporting
New York	Municipal	Monthly	456	25	95%
	Industrial	Not Required	100	10	90%
	State	Monthly	65	37	64%
	Federal	Not Required	--	--	--
N. C.	Municipal	Monthly	157	312	33%
	Industrial	Monthly	46	334	13%
	State	None			--
	Federal	None		24	--
N. D.	Municipal	Monthly	3	--	100%
	Industrial	Monthly	1	--	100%
	State	None	--	--	--
	Federal	None	--	--	--
Ohio	Municipal	Monthly	694	16	98%
	Industrial	Monthly	465	160	74%
	State	Monthly	22	62	26%
	Federal	Monthly	3	--	100%
Okla.	Municipal	Monthly	151	--	--
	Industrial	-----	--	--	--
	State	Monthly	10	20	33%
	Federal	Monthly	2	9	18%
Oregon	Municipal	Monthly	244	14	95%
	Industrial	Weekly	50	--	100%
	State	Monthly	4	0	100%
	Federal	Monthly	9	15	38%
Penna.	Municipal	Weekly-Mthly	680	80	89%
	Industrial	Weekly-Mthly	800	900	47%
	State	Weekly-Mthly	40	10	80%
	Federal	None	--	--	--
P. R	Municipal	Monthly	84	0	100%
	Industrial	None	--	-	--
	State	None	--	-	--
	Federal	None	--	-	--
R. I.	Municipal	Monthly	14	0	100%
	Industrial	None	0	17	--
	State	Monthly	5	1	83%
	Federal	Monthly	1	3	25%
S. C.	Municipal	Monthly	1	--	--
	Industrial	Bi-Monthly	2	--	--
	State	None	--	--	--
	Federal	None	--	--	--
S. D.	Municipal	Monthly	109	98	53%
	Industrial	Quarterly	5	24	17%
	State	Quarterly	3	10	23%
	Federal	Quarterly	2	--	--

State	Type Of Plant	Frequency Of Report	Number Reporting	Number Not Reporting	Percent Reporting
Tenn.	Municipal	Monthly	155	65	70%
	Industrial	Monthly	118	354	25%
	State	Monthly	10	20	33%
	Federal	Monthly	14	30	32%
Texas	Municipal	Monthly	265	755	26%
	Industrial	Monthly	3	1277	2%
	State	Monthly	5	37	12%
	Federal	Monthly	3	67	4%
Utah	Municipal	Monthly	48	8	86%
	Industrial	Monthly	1	8	11%
	State	Monthly	1	1	50%
	Federal	Monthly	1	5	17%
Vermont	Municipal	Bi-Monthly	43	0	100%
	Industrial	Bi-Monthly	3	18	14%
	State	Bi-Monthly	2	2	50%
	Federal	None	0	2	--
Virginia	Municipal	Monthly	382	0	100%
	Industrial	Quarterly	150	250	38%
	State	Monthly	58	0	100%
	Federal	Monthly	2	45	4%
V. I.	Municipal	None			--
	Industrial	None			--
	State	None			--
	Federal	None			--
Wash.	Municipal	Monthly	166	144	54%
	Industrial	Monthly	61	987	6%
	State	None		8	--
	Federal	None		47	--
W. Va.	Municipal	Monthly	128	0	100%
	Industrial	Monthly	425	0	100%
	State	Monthly	12	0	100%
	Federal	Monthly	1	--	--
Wisconsin	Municipal	Monthly	440	57	89%
	Industrial	Annually	250	-	--
	State	None	-	-	--
	Federal	None	-	-	--
Wyoming	Municipal	None			--
	Industrial	None			--
	State	None			--
	Federal	None			--

Waste Treatment Plant Inspection

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
Alabama	Municipal	Annually	110	118	228
	Industrial	Annually	174	15	189
	State	Annually	9	6	15
	Federal	Occassional	4	18	22
Alaska	Municipal	1-4 times yr.	19	5	26
	Industrial	Annually	2	0	8
	State	2 times year	1	Unknown	5
	Federal	2 times year	1	Unknown	0
Arizona	Municipal	Annually	48	8	56
	Industrial	Annually	6	17	23
	State	Annually	3	1	4
	Federal	Annually	29	64	93
Arkansas	Municipal	Annually	114	82	145
	Industrial	Annually	108	47	120
	State	Annually	3	2	5
	Federal	Annually	6	2	8
Calif.	Municipal	Daily-Quarterly	696	122	1040
	Industrial	Month-Annual	962	730	1294
	State	Month-Annual	57	9	86
	Federal	Month-Annual	64	35	105
Colorado	Municipal	Annually	191	21	212
	Industrial	--	--	-	-
	State	Annually	4	1	5
	Federal	Annually	6	33	39
Conn.	Municipal	Av. 5.9 times	90	0	94
	Industrial	Av. 2 times	334	-	350
	State	Av. 3.7 times	21	0	21
	Federal	Av. 5.8 times	4	0	4
Delaware	Municipal	Monthly	18	0	19
	Industrial	Monthly	29	0	45
	State	Monthly	2	0	5
	Federal	Monthly	1	0	1
D. C.	Municipal	Quarterly	1	0	1
	Industrial	--	-	-	-
	State	None	0	1	1
	Federal	Occasional	0	0	1
Florida	Municipal	Inspections have not been performed			Regular
	Industrial	on a regular basis. However, most			Inspections
	State	of the treatment plants have been			All plants
	Federal	periodically inspected by field personnel.			planned

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
Georgia	Municipal	Ad Hoc	200	179	380
	Industrial	Ad Hoc	120	40	150
	State	Ad Hoc	3	12	15
	Federal	Ad Hoc	2	10	4
Guam	Municipal Industrial State Federal	Periodically	1	0	1
Hawaii	Municipal	Semi-Annual	3	23	26
	Industrial	---	--	--	--
	State	---	--	--	--
	Federal	---	--	--	--
Idaho	Municipal	Annually	109	0	120
	Industrial	Annually	90	0	90
	State	Annually	0	0	0
	Federal	Annually	9	0	9
Illinois	Municipal	Semi to Ann.	550	242	792
	Industrial	Semi to Ann.	132	226	358
	State	Semi to Ann.	23	18	41
	Federal	Semi to Ann.	14	11	25
Indiana	Municipal	6 times year	255	-	All
	Industrial	Quarterly	510	-	All
	State	Semi-Annual	39	-	All
	Federal	.5 times yr.	7	-	Unknown
Iowa	Municipal	Annual	379	147	425
	Industrial	Annual	17	58	50
	State	Annual	1	7	8
	Federal	Annual	1	2	1
Kansas	Municipal	Annual	103	332	435
	Industrial	Annual	15	96	111
	State	Annual	0	11	11
	Federal	Annual	1	7	8
Kentucky	Municipal	2.3 times yr	173	16	189
	Industrial	2.3 times yr	150	57	207
	State	2.3 times yr	26	29	55
	Federal	As Requested	---	30	As requested
La.	Municipal	5 per year	260	20	280
	Industrial	No Schedule	30	40	40-50
	State	2 per year	6	3	9
	Federal	----------			

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
Maine	Municipal	Quarterly	All	0	All
	Industrial	None	---	All	0
	State	Quarterly	All	0	All
	Federal	Quarterly	3	3	6
Maryland	Municipal	Quarterly	120	35	200
	Industrial	Bi-Monthly	435	--	500
	State	Semi-Annual	13	--	13
	Federal	Semi-Annual	14	6	20
Mass.	Municipal	1-10 times yr	96	0	96
	Industrial	5-12 times yr	95	5	120
	State	1-10 times yr	24	0	24
	Federal	1-10 times yr	3	0	3
Michigan	Municipal	1.35 times yr	273	0	309
	Industrial	Varies	--	--	--
	State	Annual	10	--	--
	Federal	--	--	--	--
Minn.	Municipal	Unscheduled	217	257	250
	Industrial	Unscheduled	50	890	100
	State	Unscheduled	3	7	7
	Federal	Unscheduled	--	--	--
Miss.	Municipal	Intermittent	30-50	--	
	Industrial	Intermittent	150 oil wells 30 plants	Expect to implement orderly inspection program July 1970.	
	State	Intermittent			
	Federal	Intermittent			
Missouri	Municipal	Annually	200	267	467
	Industrial	Annually	61	107	168
	State	Annually	8	54	62
	Federal	Annually	2	38	40
Montana	Municipal	Annually+	128	2	132
	Industrial	Annually	57	10	67
	State	Annually	6	0	6
	Federal	--	-	-	-
Nebraska	Municipal	Semi-Annual	400	0	425
	Industrial	Semi-Annual	60	25	85-90
	State	Semi-Annual	20	0	20
	Federal	Semi-Annual	5	3	8-10
Nevada	Municipal	Annual	30	0	32
	Industrial	Whenever indication of problem or on occasional field visits by staff engineers.			
	State				
	Federal				

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
N. H.	Municipal	Random	37	0	42
	Industrial	Random	8	0	9
	State	Random	5	0	5
	Federal	Random	2	0	2
N. J.	Municipal	4 times yr	566	1	567
	Industrial	3 times yr	110	0	110
	State	5 times yr	27	0	27
	Federal	5 times yr	21	6	27
N. M.	Municipal	Annually	71	9	80
	Industrial	Annually	209	1 [illegible]	250
	State	Annually	0	--	--
	Federal	Annually	1	--	--
New York	Municipal	Annual	468	13	481
	Industrial	Annual	80	30	170
	State	Annual	52	50	103
	Federal	-----	--	--	--
N. C..	Municipal	Semi-Annual	278	191	350
	Industrial	Semi-Annual	314	66	381
	State	---			--
	Federal	---		24	--
N. D.	Municipal	Biennial	81	158	120
	Industrial	Biennial	6	18	12
	State	Biennial	1	1	1
	Federal	------	--	--	--
Ohio	Municipal	Annual	465	245	600
	Industrial	Annual	500	125	525
	State	Annual	80	0	80
	Federal	None	--	--	--
Oklahoma	Municipal	Semi-Annual	351	50	375
	Industrial	-----	172	0	172
	State	Annual	26	7	30
	Federal	-----	6	-	--
Oregon	Municipal	2 times year	258	0	258
	Industrial	2 times year	170	-	200
	State	2 times year	4	0	4
	Federal	2 times year	10	14	24
Penna.	Municipal	Semi-Annual	700	50	750
	Industrial	2.5 times yr	2330	300	2630
	State	Semi-Annual	40	0	40
	Federal	Semi-Annual	10	10	20

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
P. Rico	Municipal	None			
	Industrial	None			
	State	None			
	Federal	None			
R. I.	Municipal	Mthly-Bi-Mthly	14	0	14
	Industrial	Bi-Monthly	17	0	17
	State	Bi-Monthly	6	0	6
	Federal	Bi-Monthly	2	0	2
S. C.	Municipal	1.5 times yr	212	--	300
	Industrial	1.5 times yr	101	--	600
	State	1.5 times yr	12	--	--
	Federal	1.5 times yr	9	--	--
S. D.	Municipal	Biennial	96	111	100
	Industrial	Biennial	12	17	15
	State	Biennial	6	7	7
	Federal	Biennial	36	-	-
Tennessee	Municipal	Annual	155	65	220
	Industrial	Annual	303	169	472
	State	Annual	10	20	30
	Federal	Annual	10	44	54
Texas	Municipal	Varies	1834	0	2100
	Industrial	Varies	1423	0	1400
	State	Varies	35	2	37
	Federal	Varies	53	14	67
Utah	Municipal	Annual	74	12	57
	Industrial	Annual	6	3	9
	State	Annual	1	1	2
	Federal	Annual	6	0	6
Vermont	Municipal	Annual	43	0	48
	Industrial	Annual	10	20	13
	State	Annual	1	1	1
	Federal	Annual	0	0	0
Virginia	Municipal	Semi-Annual	265	0	265+
	Industrial	Semi-Annual	300	150	300+
	State	Semi-Annual	40	52	40+
	Federal	---------	15	47	10+
V. Islands	Municipal	Monthly	30	0	31
	Industrial	Monthly	2	0	2
	State	Monthly	0	0	0
	Federal	Monthly	0	0	0

State	Type Of Plant	Inspection Frequency	No. Insp. Past Year	No. Not Insp. Past Year	No. To Be Inspected This Year
Washington	Municipal	1-3 times yr.	340	80	420
	Industrial	1-4 times yr.	821	227	1048
	State	1-2 times yr.	9	6	15
	Federal	Annually	32	14	47
West Va.	Municipal	Monthly	128	0	128
	Industrial	Monthly	491	0	491
	State	Monthly	12	0	12
	Federal	Monthly	0	12	12
Wisconsin	Municipal	Semi-Annual	440	57	497
	Industrial	Semi-Annual	250	225	475
	State	Semi-Annual	10	--	10
	Federal	------	--	--	--
Wyoming	Municipal	Annually	44	30	74
	Industrial	Annually	4	5	9
	State	Annually	1	6	7
	Federal	Annually	0	7	7

Certification of Waste Treatment Plant Operators

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
Ala.	Municipal		X		24	153	Unknown
	Industrial			X	-	-	Unknown
	State		X		0	1	Unknown
	Federal		X		0	2	Unknown
Alaska	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			
Ariz.	Municipal		X		15*	125	Unknown
	Industrial		X		*All	0	Unknown
	State		X		categories	1	Unknown
	Federal		X			5	Unknown
Ark.	Municipal		X		19	219	89
	Industrial		X		-	1	15
	State		X		-	1	2
	Federal		X		2	10	5
Calif.	Municipal		X		1,650*	80% of	20% of
	Industrial		X		*All	opera-	operators
	State		X		categories	tors	
	Federal		X				
Colo.	Municipal		X			297*	
	Industrial		X			*All	
	State		X			categories	
	Federal		X				
Conn.	Municipal	X			174	174	--
	Industrial		X		0	1	--
	State	X			19	19	--
	Federal		X		0	1	--
Dela.	Municipal	X		Board expects to hold examination			
	Industrial	X		during August 1970.			
	State	X					
	Federal		X				
D. C.	Municipal		X (Obtained through Va. & Md. WPC Assoc's)				
	Industrial			X			
	State			X			
	Federal			X			
Florida	Municipal		X		1050	1135	Unknown
	Industrial		X		Included Above		
	State		X				
	Federal		X				

M-Mandatory
V-Voluntary
N-None

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
Ga.	Municipal		X		140*	600*	400 *
	Industrial		X		*Includes	all categories	
	State		X				
	Federal		X				
Guam	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			
Hawaii	Municipal		X		21	21	--
	Industrial			X			
	State			X			
	Federal			X			
Idaho	Municipal		X		10	84	38
	Industrial		X		2	5	50
	State		X		0	0	0
	Federal		X		0	3	9
Ill.	Municipal	X			92	1152	49
	Industrial	X			5	60	129
	State	X			0	50	17
	Federal		X		0	14	9
Ind.	Municipal	X			26*	234*	21*
	Industrial	X			115*	435*	20*
	State	X			*Number of Plants		
	Federal		X				
Iowa	Municipal		X		58	923	30
	Industrial		X		2	12	--
	State		X		13	27	--
	Federal		X		1	0	--
Kansas	Municipal		X		33	190	--
	Industrial		X		0	0	--
	State		X		0	0	--
	Federal		X		0	0	--
Ky.	Municipal	X			15	234	--
	Industrial	X			5	23	--
	State	X			6	18	--
	Federal		X		--	7	--
La.	Municipal		X				
	Industrial			X			
	State			X			
	Federal			X			

M-Mandatory
V-Voluntary
N-None

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
Maine	Municipal	X			0	0	All
	Industrial			X	0	0	All
	State	X			0	0	All
	Federal			X	0	0	All
Md.	Municipal	X			84	84	217
	Industrial	X			30	30	89
	State	X			8	8	11
	Federal		X		--	--	--
Mass.	Municipal		X		--	55	330
	Industrial		X		--	2	Unknown
	State		X		--	1	Unknown
	Federal		X		--	12	Unknown
Mich.	Municipal	X			58	762	0
	Industrial	X			--	--	700-800
	State		X		--	--	--
	Federal		X		--	--	--
Minn.	Municipal		X		100	465	800
	Industrial		X		4	8	140
	State		X		3	8	50
	Federal		X		0	2	25
Miss.	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			
Mo.	Municipal		X		92*	706*	---
	Industrial		X		*Total for	all categories	
	State		X				
	Federal		X				
Mont.	Municipal	X				234	
	Industrial	X				170	
	State	X				19	
	Federal			X		--	
Neb.	Municipal		X		21	116	400
	Industrial		X		--	--	--
	State		X		--	--	--
	Federal		X		--	--	--
Nev.	Municipal		X		8	25	35
	Industrial		X				20
	State		X				2
	Federal		X				10

M-Mandatory
V-Voluntary
N-None

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
N. H.	Municipal	X			4	21	0
	Industrial	X			--	--	--
	State	X			--	--	--
	Federal			X	--	--	--
N. J.	Municipal	X			70	866	--
	Industrial	X			22	207	--
	State		X		--	19	--
	Federal		X		--	9	--
N.M.	Municipal		X		34	63	122
	Industrial		X		-	1+	-
	State		X		-	14+	-
	Federal		X		-	19+	-
N. Y.	Municipal	X			301	2601	Unknown
	Industrial		X		0	Unknown	"
	State	X			6	"	"
	Federal		X		0	"	"
N. C.	Municipal		X		75	657	
	Industrial		X		12	57	
	State		X		3	46	
	Federal		X		0	10	
N. D.	Municipal		X		2	14	250(est)
	Industrial		X		0	0	15(est)
	State		X		0	0	12(est)
	Federal		X		0	0	15(est)
Ohio	Municipal	X			81	1683	--
	Industrial		X		0	0	--
	State	X			3	25	--
	Federal			X	0	0	--
Okla.	Municipal	X			390	766	120
	Industrial		X		20	50	40
	State	X			15	60	2
	Federal		X		10	35	10
Ore.	Municipal		X		27	228	200
	Industrial			X	-	-	-
	State		X		0	1	3
	Federal		X		0	4	20
Penna.	Municipal	X			Effective January 1, 1971		
	Industrial	X					
	State	X					
	Federal		X				

M-Mandatory
V-Voluntary
N-None

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
P. Rico	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			
R. I.	Municipal		X		0	30	69
	Industrial		X		0	5	8
	State		X		0	9	5
	Federal		X		0	0	6
S. C.	Municipal	X			Effective January 1, 1971		
	Industrial	X					663
	State	X					
	Federal		X				
S. D.	Municipal	X				74*	
	Industrial	X				0*	
	State	X				2*	
	Federal		X			5*	
Tenn.	Municipal		X		45	293	82
	Industrial			X	0	0	--
	State		X		2	14	22
	Federal		X		5	12	30
Texas	Municipal	X			365	2292	258
	Industrial		X		Included Above		
	State		X				
	Federal		X				
Utah	Municipal		X		5	55	57
	Industrial		X		0	0	7
	State		X		0	1	2
	Federal		X		0	0	5
Vt.	Municipal		X		0	9	63
	Industrial		X		0	0	30
	State		X		0	0	2
	Federal		X		0	0	0
Va. **	Municipal		X		41	213	Unknown
	Industrial		X		-	7	"
	State		X		-	4	"
	Federal		X		-	14	"
V. I.	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			

M-Mandatory
V-Voluntary
N-None

*Certified under Voluntary program prior to 7/1/70.
**To beceme Mandatory January 1, 1971

State	Type of Plant	Type of Certification			# Certif. Past Year	Total Certif.	# Not Certif.
		M	V	N			
Wash.	Municipal		X		49	332	350
	Industrial			X	0	0	0
	State		X		2	2	-
	Federal		X		4	18	-
W. Va.	Municipal	X			31	212	30
	Industrial	X			3	20	-
	State	X			1	31	3
	Federal		X		0	2	2
Wisc.	Municipal	X			172	830	-
	Industrial	X			12	78	-
	State	X			-	11	-
	Federal		X		11	14	-
Wyo.	Municipal			X			
	Industrial			X			
	State			X			
	Federal			X			

SUMMARY OF STATE CERTIFICATION

	MANDATORY	VOLUNTARY	NONE
MUNICIPAL	Connecticut Delaware Illinois Indiana Kentucky Maine Maryland Michigan Montana New Hamp. New Jersey New York Ohio Oklahoma Texas Pennsylvania S. Carolina S. Dakota West Virginia Wisconsin 20	Alabama Arizona Arkansas California Colorado D.C. Florida Georgia Hawaii Idaho Iowa Kansas Louisiana Massachusetts Minnesota Missouri Nebraska Nevada New Mexico North Carolina North Dakota Oregon Rhode Island Tennessee Utah Vermont Virginia Washington 28	Alaska Guam Mississippi Puerto Rico Virgin Islands Wyoming 6
INDUSTRIAL	Delaware Illinois Indiana Kentucky Maryland Michigan Montana New Hamp. New Jersey Pennsylvania South Carolina South Dakota West Virginia Wisconsin 14	Arizona Arkansas California Colorado Connecticut Florida Georgia Idaho Iowa Kansas Maine Massachusetts Minnesota Missouri Nebraska Nevada New Mexico New York North Carolina North Dakota Ohio Oklahoma Rhode Island Texas Utah Vermont Virginia 27	Alabama Alaska D.C. Guam Hawaii Louisiana Mississippi Oregon Puerto Rico Tennessee Virgin Islands Washington Wyoming 13
STATE	Connecticut Delaware Illinois Indiana Kentucky Maine Maryland Montana New Hamp. New York Ohio Oklahoma Pennsylvania South Carolina South Dakota West Virginia Wisconsin 17	Alabama Arizona Arkansas California Colorado Florida Georgia Idaho Iowa Kansas Massachusetts Michigan Minnesota Missouri Nebraska Nevada New Jersey New Mexico North Carolina North Dakota Oregon Rhode Island Tennessee Texas Utah Vermont Virginia Washington 28	Alaska D.C. Guam Hawaii Louisiana Mississippi Puerto Rico Virgin Islands Wyoming 9
FEDERAL		Alabama Arizona Arkansas California Colorado Connecticut Delaware Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky Maine Maryland Massachusetts Michigan Minnesota Missouri Nebraska Nevada New Jersey New Mexico New York North Carolina North Dakota Oklahoma Oregon Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsin 42	Alaska D.C. Guam Hawaii Louisiana Mississippi Montana New Hampshire Ohio Puerto Rico Virgin Islands Wyoming 12

Figure 5

PART C

REGULATIONS AND CONTROLS FOR SPECIAL POLLUTION PROBLEMS

The following tabulation shows the States having special controls or regulations for Feedlots, Septic Tanks, Dredging and Filling, and Disposal from Watercraft.

SPECIAL CONTROL REGULATIONS

STATES	FEEDLOT REGULATIONS	SEPTIC TANK REGULATIONS	DREDGING & FILLING	DISPOSAL FROM WATERCRAFT
Alabama		X		X
Alaska		X		
Arizona		X		X
Arkansas				X
California	X	X	X	X
Colorado	X	X	X	
Connecticut		X	X	
Delaware		X	X	
D. C.				X
Florida		X	X	X
Georgia				X
Guam		X		
Hawaii	X	X		
Idaho		X		X
Illinois	X	X	X	X
Indiana		X	X	
Iowa	X	X		
Kansas	X	X		X
Kentucky		X		
Louisiana				
Maine	X	X	X	X
Maryland	X	X	X	
Massachusetts		X	X	X
Michigan		X	X	X
Minnesota	X			X
Mississippi	X	X		
Missouri		X		X
Montana		X		X
Nebraska	X	X		
Nevada		X		X
New Hamp.		X	X	X
New Jersey		X		
New Mexico		X		X
New York			X	X
N.Carolina		X	X	X
N. Dakota		X		X
Ohio				
Oklahoma	X	X		X
Oregon	X	X		
Penna.		X		
Puerto Rico	X	X	X	
Rh. Island		X		
S. Carolina		X		
S. Dakota	X		X	X
Tennessee		X		X
Texas	X	X		X
Utah	X	X		X
Vermont	X	X	X	X
Virginia				
Vir. Islands		X	X	
Washington		X	X	
West Va.	X	X	X	X
Wisconsin		X		X
Wyoming		X		
Total	20	45	21	30

PART A

STATE ASSISTANCE FOR CONSTRUCTION OF WASTE TREATMENT FACILITIES

Twenty-eight States have authorized and funded programs for State Assistance in the construction of waste treatment facilities; 5 States have authorized assistance which to date has not been funded. In addition six States provide loans, and five States provide prefinancing.

STATE	GRANTS	PERCENTAGE	FUNDED	AMOUNT
Alabama	None			
Alaska	X	25%	yes	$2,000,000
Arizona	None			
Arkansas	None			
California	X	25%	yes	$250 million
Colorado	X-Dest.communities		yes	$100,000
Connecticut	X	30%	yes	$250 million
Delaware	X	40%	yes	$100,000
D. C.	n/a			
Florida	None			
Georgia	X	--	no	--
Guam	None			
Hawaii	X	--	yes	$1.5 million
Idaho	X	25%	yes	$2.7 million
Illinois	X	--	yes	$750 million
Indiana	X	25%	yes	$3.5 million
Iowa	X	25%	yes	$7.2 million
Kansas	X	25%	no	--
Kentucky	None			
Louisiana	None*	*Awaiting approval of EPA Solicitor		
Maine	X	30%	yes	--
Maryland	X	25%	yes	--
Massachusetts	X	25%	yes	$150 million
Michigan	X	25%	yes	$335 million
Minnesota	X	--	no	--
Mississippi	None			
Missouri	X	25%	yes	$10.6 million
Montana	None			
Nebraska	X	--	no	--
Nevada	None			
New Hampshire	X	40%	yes	$759,000
New Jersey	X	25%	yes	$242 million
New Mexico	X	25%	yes	$1 million
New York	X	30%	yes	$1 billion
N. Carolina	None			
N. Dakota	None			
Ohio	None			
Oklahoma	None			
Oregon	X	25%	yes	$1.5 million
Pennsylvania	X	30%	yes	$20 million
Puerto Rico	None			
Rhode Island	X	25%	yes	$12 million
S. Carolina	None			
S. Dakota	None			
Tennessee	X	--	yes	$2.28 million
Texas	X	--	no	--
Utah	None			
Vermont	X	30%	yes	$3 million
Virginia	X	--	yes	$7.8 million
Virgin Islands	X	--	yes	$4.2 million
Washington	X	15%	yes	$18 million
West Virginia	None			
Wisconsin	X	25%	yes	$144 million
Wyoming	None			

In addition to grants, loans are provided by:

Alaska	Not Funded	
California	Funded	$1,000,000
Maryland	Funded	------
Oregon	Funded	$50 million
Tennessee	Funded	$15.8 million
Ohio	Funded	$100 million

and prefinancing provided by:

Connecticut	30%	Funded	$250 million
Maine	20%	Funded	$22,100,000
Massachusetts		Funded	
New York	30%	Funded	$750 million
Vermont		Funded	

PART B

TAX INCENTIVES TO INDUSTRIES

In addition to construction assistance thirty-two States provide some type of tax incentive to industry to encourage them to construct waste treatment facilities.

STATE	SUBSIDY	TAX DEFERMENT	RAPID TAX WRITE-OFF	OTHER	NONE
Alabama			X	X	
Alaska					X
Arizona			X		
Arkansas				X	
California			X		
Colorado					X
Connecticut		X		X	
Delaware					X
Dist. of Col.					X
Florida			X		
Georgia			X		
Guam				X	
Hawaii			X		
Idaho				X	
Illinois		X		X	
Indiana				X	
Iowa					X
Kansas					X
Kentucky					X
Louisiana			X		
Maine				X	
Maryland					X
Massachusetts			X	X	
Michigan				X	
Minnesota				X	
Mississippi					X
Missouri			X	X	
Montana					X
Nebraska					X
Nevada					X
New Hampshire		X		X	
New Jersey				X	
New Mexico					X
New York			X	X	
N. Carolina			X	X	
N. Dakota					X
Ohio			X	X	
Oklahoma			X		
Oregon		X		X	
Pennsylvania					X
Puerto Rico					X
Rhode Island			X	X	
S. Carolina				X	
S. Dakota					X
Tennessee		X		X	
Texas					X
Utah					X
Vermont				X	
Virginia			X		
Virgin Islands					X
Washington	X		X		
West Virginia					X
Wisconsin			X	X	
Wyoming					X

PART A

OPERATOR TRAINING

All States except Alaska, Nevada, and Maine reported the availability of training for waste treatment plant operators.

STATES	SESSIONS-NUMBER ATTENDING BASIC	ADVANCED	MAN-YEARS IN TRAINING	NONE
Alabama	X	X		
Alaska				X
Arizona	X	X		
Arkansas	X	X		
California	X	X	240 opers.	
Colorado	X	X		
Connecticut	X	X		
Delaware	X-32	X		
Dist. of Col.	X	X-20	12	
Florida	X	X		
Georgia	X	X		
Guam	X			
Hawaii	X-30-50			
Idaho	X	X		
Illinois	X	X		
Indiana	X		215 opers.	
Iowa	X-183	X-34	.3	
Kansas	X			
Kentucky	X	X		
Louisiana	X	X		
Maine				X
Maryland	X-1	X		
Massachusetts	X-6	X-87	1.00	
Michigan	X	X		
Minnesota	X-374		.2	
Mississippi	X			
Missouri	X	X	150 opers.	
Montana	X			
Nebraska	X			
Nevada				X
New Hamp.	X-20	X-3	.3	
New Jersey	X	X		
New Mexico	X	X	73 opers.	
New York	X-309	X		
N. Carolina	X	X		
N. Dakota	X-31			
Ohio	X	X		
Oklahoma	X	X	128 Days Offered	
Oregon	X	X		
Pennsylvania	X	X		
Puerto Rico	X-85		.5	
Rhode Island	X			
S. Carolina	X-35		.9	
South Dakota	X	X		
Tennessee	X	X		
Texas	X	X	3200 opers. 20 or more courses	
Utah	X			
Vermont	X-91		.8	
Virginia	x	x		
Vir. Islands	X-3	X-5		
Washington	X	X	460 opers.	
West Virginia	X-40			
Wisconsin	X	X		
Wyoming	X	X		

PART B

STAFF TRAINING

Only eight States reported in their Plan submissions training programs for their water pollution control staff.

STATE	NUMBER IN TRAINING	MAN-YEARS	NO PROGRAM	NO REPORT*
Alabama				X
Alaska			X	
Arizona			X	
Arkansas				X
California	189	2.5		
Colorado			X	
Connecticut				X
Delaware				X
D. C.				X
Florida				X
Georgia				X
Guam			X	
Hawaii	1	.08		
Idaho				X
Illinois				X
Indiana	5	.02		
Iowa				X
Kansas				X
Kentucky				X
Louisiana				X
Maine				X
Maryland	45			
Massachusetts	6			
Michigan				X
Minnesota				X
Mississippi			X	
Missouri	25			
Montana			X	
Nebraska			X	
Nevada			X	
New Hamp.				X
New Jersey				X
New Mexico				X
New York				X
N. Carolina				X
N. Dakota			X	
Ohio				X
Oklahoma				X
Oregon			X	
Pennsylvania				X
Puerto Rico				X
Rhode Island				X
S. Carolina				X
S. Dakota				X
Tennessee			X	
Texas			X	
Utah				X
Vermont				X
Virginia	12			
Vir. Islands			X	
Washington				X
West Va.	2			
Wisconsin				X
Wyoming				X

*No report - indicates the absence of specific information listed in this chart-State may have provided other information in their Plan.

PART A

PLANNING

All but five States reported having a basis for long-range planning. Water Quality Standards were reported as a basis by twenty-two States. All but seven States reported planning participation with other agencies of government; and all but twenty-one States reported contributing toward the Department of Housing and Urban Development comprehensive plans. All but eight States reported encouraging regional and metropolitan planning in their program efforts. Plans were submitted prior to development of Planning Guidelines (18CFR601).

STATE	REPORTED BASIS FOR LONG-RANGE PLANS				REPORTED PLANNING PARTICIPATION WITH					CONTRIBUTION TOWARD HUD* COMPREHENSIVE PLAN			ENCOURAGES REGIONAL AND METROPOLITAN PLANNING		
	WQS	OTHER	NONE	NO RES.**	EPA	WRC	OTHER	NONE	NO RES.	YES	NO	NO RES.	YES	NO	NO RES.**
Alabama	X				X	X	X				X		X		
Alaska			X			X	X			X			X		
Arizona			X			X					X			X	
Arkansas		X					X			X			X		
California		X				X				X			X		
Colorado		X				X				X			X		
Connecticut	X				X	X	X			X			X		
Delaware		X				X	X			X			X		
D.C.		X			X	X	X				X		X		
Florida	X	X			X		X				X		X		
Georgia	X				X	X	X					X	X		
Guam		X						X				X			X
Hawaii		X					X			X			X		
Idaho	X				X	X	X					X		X	
Illinois	X				X					X			X		
Indiana	X				X	X	X			X			X		
Iowa	X				X	X	X			X			X		
Kansas		X						X		X			X		
Kentucky		X				X	X			X			X		
Louisiana		X			X		X					X		X	
Maine	X				X	X	X			X				X	
Maryland		X				X	X			X			X		
Mass.	X	X			X	X	X			X			X		
Michigan		X			X		X			X			X		
Minnesota		X							X			X	X		
Miss.			X				X				X		X		
Missouri		X			X		X			X			X		
Montana		X							X		X		X		
Nebraska		X						X			X		X		
Nevada			X			X					X		X		
New Hamp.	X				X		X			X			X		
New Jersey	X	X			X	X	X			X			X		
New Mexico		X				X					X		X		
New York	X				X		X			X			X		
N.Carolina	X	X							X	X			X		
N.Dakota		X				X	X				X				X
Ohio		X					X					X	X		
Oklahoma		X			X	X	X			X			X		
Oregon	X						X			X			X		
Penna.	X				X	X	X			X			X		
Puerto Rico		X			X	X	X				X		X		
Rh. Island		X					X					X	X		
S.Carolina	X					X	X			X			X		
S. Dakota	X	X					X			X			X		
Tennessee	X				X	X	X			X			X		
Texas		X			X							X	X		
Utah	X					X				X			X		
Vermont	X					X				X			X		
Virginia		X			X	X	X			X			X		
Vir.Islands	X	X						X		X			X		
Washington			X		X	X	X			X			X		
West Va.		X			X	X	X					X			X
Wisconsin		X			X	X	X			X			X		
Wyoming		X			X	X	X				X			X	

*HUD-Department of Housing and Urban Development
**No Response

PART A

PUBLIC INFORMATION

Keeping the public informed of problems and accomplishments in the field of water pollution control is of major importance. In the past, public information has received little attention in most States. However, the States are developing new and improved programs in this field.

Public Information

STATES	Provide Req. Information	Provide Board Action Info.	Provide State Speakers
Alabama	X	X	X
Alaska	X	X	X
Arizona	X		X
Arkansas	X	X	X
California	X	X	X
Colorado	X	X	X
Connecticut	X	X	X
Delaware	X	X	X
Dist. of Columbia	X	X	
Florida	X	X	X
Georgia	X	X	X
Hawaii	X	X	
Idaho	X	X	
Illinois	X	X	X
Indiana	X	X	X
Iowa	X	X	X
Kansas	X	X	
Kentucky	X	X	
Louisiana	X	X	X
Maine	X	X	X
Maryland	X	X	
Massachusetts	X	X	X
Michigan	X	X	X
Minnesota	X	X	X
Mississippi	X		X
Missouri	X	X	X
Montana	X		
Nebraska	X	X	X
Nevada	X	X	X
New Hampshire	X	X	X
New Jersey	X	X	X
New Mexico	X	X	X
New York	X	X	X
North Carolina	X	X	X
North Dakota	X	X	X
Ohio	X	X	X
Oklahoma	X	X	X
Oregon	X	X	
Pennsylvania	X	X	
Rhode Island	X	X	
South Carolina	X	X	
South Dakota	X	X	X
Tennessee	X		
Texas	X	X	X
Utah	X	X	X
Vermont	X	X	X
Virginia	X	X	X
Washington	X	X	
West Virginia	X	X	X
Wisconsin	X	X	X
Wyoming	X	X	X
Guam	X	X	
Puerto Rico	X	X	X
Virgin Islands	X	X	X

APPENDIX A

FEDERAL WATER POLLUTION CONTROL ACT

SECTION 7

GRANTS FOR WATER POLLUTION CONTROL PROGRAMS

SEC. 7. (a) [17] There are hereby authorized to be appropriated for the fiscal year ending June 30, 1957, and for each succeeding fiscal year to and including the fiscal year ending June 30, 1961, $3,000,000, for each succeeding fiscal year to and including the fiscal year ending June 30, 1967, $5,000,000, and for each succeeding fiscal year to and including the fiscal year ending June 30, 1971, $10,000,000 for grants to States and to interstate agencies to assist them in meeting the costs of establishing and maintaining adequate measures for the prevention and control of water pollution, including the training of personnel of public agencies.

(b) The portion of the sums appropriated pursuant to subsection (a) for a fiscal year which shall be available for grants to interstate agencies and the portion thereof which shall be available for grants to States shall be specified in the Act appropriating such sums.

(c) From the sums available therefor for any fiscal year the Secretary shall from time to time make allotments to the several States, in accordance with regulations, on the basis of (1) the population, (2) the extent of the water pollution problem, and (3) the financial need of the respective States.

(d) From each State's allotment under subsection (c) for any fiscal year the Secretary shall pay to such State an amount equal to its Federal share (as determined under subsection (h)) of the cost of carrying out its State plan approved under subsection (f), including the cost of training personnel for State and local water pollution control work and including the cost of administering the State plan.

(e) From the sums available therefor for any fiscal year the Secretary shall from time to time make allotments to interstate agencies, in accordance with regulations, on such basis as the Secretary finds reasonable and equitable. He shall from time to time pay to each such agency, from its allotment, an amount equal to such portion of the

[16] This subsection amendesd by sec. 106, Public Law 91-224, approved April 3, 1970.
[17] This subsection amended by sec. 202, Public Law 89-753.

cost of carrying out its plan approved under subsection (f) as may be determined in accordance with regulations, including the cost of training personnel for water pollution control work and including the cost of administering the interstate agency's plan. The regulations relating to the portion of the cost of carrying out the interstate agency's plan which shall be borne by the United States shall be designed to place such agencies, so far as practicable, on a basis similar to that of the States.

(f) The Secretary shall approve any plan for the prevention and control of water pollution which is submitted by the State water pollution control agency or, in the case of an interstate agency, by such agency, if such plan——

(1) provides for administration or for the supervision of administration of the plan by the State water pollution control agency or, in the case of a plan submitted by an interstate agency, by such interstate agency;

(2) provides that such agency will make such reports, in such form and containing such information, as the Secretary may from time to time reasonably require to carry out his functions under this Act;

(3) sets forth the plans, policies, and methods to be followed in carrying out the State (or interstate) plan and in its administration;

(4) provides for extension or improvement of the State or interstate program for prevention and control of water pollution;

(5) provides such accounting, budgeting, and other fiscal methods and procedures as are necessary for the proper and efficient administration of the plan; and

(6) sets forth the criteria used by the State in determining priority of projects as provided in section 8(b)(4).[18]

The Secretary shall not disapprove any plan without first giving reasonable notice and opportunity for hearing to the State water pollution control agency or interstate agency which has submitted such plan.

(g)(1) Whenever the Secretary, after reasonable notice and opportunity for hearing to a State water pollution control agency or interstate agency finds that——

(A) the plan submitted by such agency and approved under this section has been so changed that it no longer complies with a requirement of subsection (f) of this section; or

(B) in the administration of the plan there is a failure to comply substantially with such a requirement,

the Secretary shall notify such agency that no further payments will be made to the State or to the interstate agency, as the case may be, under this section (or in his discretion that further payments will not be made to the State, or to the interstate agency, for projects under or parts of the plan affected by such failure) until he is satisfied that there will no longer be any such failure. Until he is so satisfied, the Secretary shall make no further payments to such State, or to such interstate agency, as the case may be, under this section (or shall limit payments to projects under or parts of the plan in which there is no such failure).

(2) If any State or any interstate agency is dissatisfied with the

[18] Added by sec. 4(b), Public Law 87-88.

Secretary's action with respect to it under this subsection, it may appeal to the United States court of appeals for the circuit in which such State (or any of the member States, in the case of an interstate agency) is located. The summons and notice of appeal may be served at any place in the United States. The findings of fact by the Secretary, unless contrary to the weight of the evidence, shall be conclusive; but the court, for good cause shown, may remand the case to the Secretary to take further evidence, and the Secretary may thereupon make new or modified findings of fact and may modify his previous action. Such new or modified findings of fact shall likewise be conclusive unless contrary to the weight of the evidence. The court shall have jurisdiction to affirm the action of the Secretary or to set it aside, in whole or in part. The judgment of the court shall be subject to review by the Supreme Court of the United States upon certiorari or certification as provided in title 28, United States Code, section 1254.

(h)[19](1) The "Federal share" for any State shall be 100 per centum less that percentage which bears the same ratio to 50 per centum as the per capita income of such State bears to the per capita income of the United States, except that (A) the Federal share shall in no case be more than 66⅔ per centum or less than 33⅓ per centum, and (B) the Federal share for Puerto Rico and the Virgin Islands shall be 66⅔ per centum.

(2) The "Federal shares" shall be promulgated by the Secretary between July 1 and September 30 of each even-numbered year, on the basis of the average of the per capita incomes of the States and of the continental United States for the three most recent consecutive years for which satisfactory data are available from the Department of Commerce.

(3) As used in this subsection, the term "United States" means the fifty States and the District of Columbia.

(4) Promulgations made before satisfactory data are available from the Department of Commerce for a full year on the per capita income of Alaska shall prescribe a Federal share for Alaska of 50 per centum and, for purposes of such promulgations, Alaska shall not be included as part of the "United States". Promulgations made thereafter but before per capita income data for Alaska for a full three-year period are available for the Department of Commerce shall be based on satisfactory data available therefrom for Alaska for such one full year or, when such data are available for a two-year period, for such two years.

(i) The population of the several States shall be determined on the basis of the latest figures furnished by the Department of Commerce.

(j) The method of computing and paying amounts pursuant to subsection (d) or (e) shall be as follows:

(1) The Secretary shall, prior to the beginning of each calendar quarter or other period prescribed by him, estimate the amount to be paid to each State (or to each interstate agency in the case of subsection (e)) under the provisions of such subsection for such period, such estimate to be based on such records of the State (or the interstate agency) and information furnished by it, and such other investigation, as the Secretary may find necessary.

(2) The Secretary shall pay to the State (or to the interstate agency), from the allotment available therefor, the amount so estimated by him for any period, reduced or increased, as the case may be, by any sum (not previously adjusted under this paragraph) by which he finds that his estimate of the amount to be paid such State (or such interstate agency) for any prior period under such subsection was greater or less than the amount which should have been paid to such State (or such agency) for such prior period under such subsection. Such payments shall be made through the disbursing facilities of the Treasury Department, in such installments as the Secretary may determine.

U. S. DEPARTMENT OF THE INTERIOR
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION
WASHINGTON, D. C. 20242

BUDGET BUREAU NO. 42-R1509

FOR FWPCA USE ONLY

PROJECT NUMBER	DATE RECEIVED
ACTION	DATE APPROVED
SIGNATURE OF COMMISSIONER	

STATE PROGRAM GRANT APPLICATION
Water Pollution Control Plan

1. Program Introduction

1.1 Name and address of agency charged with responsibility of enforcing the State's water pollution control laws.

1.2 If different, provide name and address of agency authorized to administer Federal program grants under Section 7 of the Federal Water Pollution Control Act.

1.3 Program Summary:

1.3.1 Attach a copy of the agency's annual or biennial report.

1.3.2 List activities to be expanded or improved by implementation of this plan.

1.3.3 List problems affecting pollution control progress such as inadequate legislative authority, lack of personnel, inadequate facilities or funds, and lack of coordination.

1.3.4 List activities for which other FWPCA assistance would be helpful in attaining program objectives.

1.4 Check if:

Annual Program ☐ Plan year _____

Biennial Program: Initial ☐ Initial year _____

Supplement Second year _____

1.5 Amount of Federal assistance requested: $_____ *(Item J from Form FWPCA-112-5)*

1.6 CERTIFICATION BY AUTHORIZING OFFICIAL

I certify that I am the official designated to represent the State Water Pollution Control Agency for the purposes of receiving grant assistance under Section 7 of the Federal Water Pollution Control Act, and request that assistance be made available when monies are appropriated in accordance with Section 7 of the Act. No financial assistance has been given or promised under any other Federal program or activity with regard to this request except as noted within this plan. The State agency to be responsible for administration of the pollution control program has the ability and intention to finance its share of the cost of the program plan.

The applicant shall comply with the terms and intent of Title VI of the Civil Rights Act of 1964 and of the regulations promulgated pursuant to such Act by the Secretary of the Interior and contained in 43 CFR 17.

The attached statements and exhibits are hereby made a part of this request, and the undersigned certifies that the information in the request and in the attached statements and exhibits is true, correct, and complete to the best of his knowledge.

The applicant agency agrees that if a Federal grant for the program is made on the basis of this application or on the basis of any provision or amendment thereof, it will comply with all of the applicable requirements and conditions of the regulations governing grants for water pollution control authorized by the Federal Water Pollution Control Act and such additional conditions as the Commissioner may impose prior to or at the time of the grant award.

NAME AND TITLE OF AUTHORIZING OFFICIAL *(Typed)*	SIGNATURE	DATE

1.7 CERTIFICATION BY GOVERNOR

This plan is the official water pollution control plan of the State, and takes into account the participation of other State agencies and related plans and programs.

SIGNATURE OF GOVERNOR	DATE

2. Program Authority and Organization

2.1 Provide, as attachment 2.1, a copy of the State's water pollution control statute and copies of executive orders and attorney general's opinions which affect the agency's authority and responsiblity.

2.2 Name the agency with the responsibility to adopt or modify state water quality standards.

2.3 Describe briefly, legislative changes proposed to overcome limitations to pollution control responsibilities and functions and to provide for full participation in programs under the Federal Water Pollution Control Act.

2.4 List and cite functions of other State agencies with pollution control and water quality management responsibilities. Describe arrangements for their participation in implementation of this plan and for coordination of this plan with other State water planning and management activities.

2.5 Provide an organization chart or charts of applicant agency and indicate organizational relationship to Governor's Office and to other agencies with pollution control and water management functions. Indicate location and organization of field offices of applicant agency.

*2.6 Prepare and attach Form FWPCA-112-4 to describe the staff of the applicant agency and other agencies having pollution control responsibilities. Indicate the number of employees regularly assigned to water pollution control: _____. If changes are proposed in size and skills of the staff, please describe.

*2.7 Prepare and attach Form FWPCA-112-5 to summarize the State's water pollution control budget.

2.8 Describe the procedures used to identify the expenditures attributable to water pollution control and prevention work which will be claimed for Federal financial participation. What methods will be used to account for direct costs and to account for and allocate indirect costs? What methods will be used to account for local agency expenditures to be claimed for Federal financial participation? Indicate any anticipated problems in complying with the FWPCA requirements for reporting expenditures by program element.

2.9 Describe any proposed new interstate program and indicate its status.

2.10 If the agency has the assistance of an advisory group, please describe its functions and membership.

2.11 Describe the extent to which preparation of the annual plan assists the agency in evaluating progress and in programming activities. Indicate procedures and measures the agency uses to evaluate the effectiveness of the program.

3. Pollution Control Surveillance and Enforcement

3.1 Water Quality Standards and Compliance

*3.1.1 Summarize implementation accomplishments since the last report. List status of compliance with implementation timetables for installing waste treatment or control facilities. Provide specific information on each project for which actions were scheduled during the period since the last report.

*3.1.2 List those waters which have been brought into compliance since the last report, those which presently do not comply, and those which are to be brought into compliance during this plan year.

*3.1.3 Has accomplishment of treatment, monitoring, or special studies revealed deficiencies in the interstate standards? Yes ____ No ____. If yes, what action has been or will be taken to correct these deficiencies?

*3.1.4 Identify any changes that have been made, or are pending, in use classifications or water quality criteria.

*3.1.5 List additions or revisions in the implementation plan. Identify: (a) modifications of timetables, (b) revisions in treatment or control requirements, (c) new pollution sources or old sources not previously identified and necessary treatment or control measures, and (d) timetables for achieving compliance by those pollution sources.

*3.1.6 Indicate activities scheduled for this plan year to adopt individual numerical standards for interstate waters now covered by general criteria.

*3.1.7 Has the State adopted standards for intrastate waters? Yes _____ No _____. If no, will standards be adopted during this plan year? Yes _____ No _____.

3.2 Water Quality Monitoring

3.2.1 Summarize the agency's current monitoring program for streams, lakes, and coastal waters; include sampling methods used.

3.2.2 Describe the State's evaluation and reporting of water quality data. Attach a copy of report form.

*3.2.3 Summarize changes in stations, sampling, procedure, or analysis to be accomplished during this plan year.

3.2.4 Describe assistance FWPCA could provide in improving, expanding, and coordinating monitoring and evaluation of water quality.

3.2.5 If the agency has or is proposing a special monitoring program for non-conventional waste sources, such as agricultural, stormwater, combined sewer, vessel, oil or mining wastes, briefly describe it.

3.3 Effluent Controls

3.3.1 Does the State require permits or have other provisions such as effluent standards for controlling discharges from municipalities into the State's waters? Yes _____ No _____.

3.3.2 Does the State require permits or have other provisions such as effluent standards for controlling waste discharge by industries (including thermal discharges) into the State's waters? Yes ___ No ___.

3.3.3 Estimate the percentage of existing municipal and industrial discharges under permit: Municipal ___ % Industrial _____ %.

3.3.4 What activities will be performed under this plan to review permits and to bring significant waste discharges under permit?

*3.3.5 Summarize the nature of waste treatment plant operating reports as follows:

	FREQUENCY OF REPORT	NUMBER REPORTING	NUMBER NOT REPORTING
Municipal			
Industrial			
State			
Federal			

3.3.6 Attach a copy of the treatment operation report form and describe the procedures used to review and evaluate plant operation.

3.3.7 Describe the agency's procedures and the assistance provided for handling water pollution accidents and emergencies.

3.4 Inspection of Treatment Plants

*3.4.1 Summarize the number and frequency of State inspections of waste treatment facilities:

	INSPECTION FREQUENCY	NUMBER INSPECTED PAST YEAR	NO. NOT INSPECTED PAST YEAR	NUMBER TO BE INSPECTED DURING THIS PROGRAM YEAR
Municipal				
Industrial				
State				
Federal				

Submit a copy of form used to report conditions observed and data obtained during routine inspection.

3.4.2 Does the State run effluent analyses to validate results supplied by facility operators? Yes ___ No ___ .

3.4.3 Describe the State's procedures for correcting operating inadequacies or violations.

3.5 Certification of Waste Treatment Plant Operators

*3.5.1 Describe the State's program for certification of waste treatment plant operators:

	TYPE OF CERTIFICATION			NO. OF NEW OPERATORS CERTIFIED PRECEDING YEAR	TOTAL CERTIFIED	NUMBER NOT CERTIFIED
	MANDATORY	VOLUNTARY	NONE			
Municipal						
Industrial						
State						
Federal						

3.5.2 Provide the requirements for certification.

3.6 Enforcement and Regulation

3.6.1 Summarize the agency's authority to enforce compliance with interstate water quality standards. What enforcement activities are proposed for implementation under this plan?

3.6.2 Describe enforcement activities of other State agencies, including assistance provided to applicant.

*3.6.3 Summarize the enforcement accomplishments and pending agency enforcement orders for the past two years as an attachment using the following headings.

NAME AND TYPE OF POLLUTOR	YEAR INITIATED	CORRECTIONS ORDERED	RESULTS

3.6.4 Describe agency regulations and other controls issued to correct and prevent special pollution problems such as feedlot regulations, septic tank regulations, control of dredging and filling, and regulation of waste disposal from watercraft.

3.6.5 List State interagency agreements or arrangements for control of pollution from State highway construction and roadside spraying or to protect State facilities for fish and waterfowl conservation, and outdoor recreation. Attach copies of formal agreements.

4. Water Pollution Control Facilities

4.1 Review of Plans and Specifications

*4.1.1 Describe the State's requirements for approval of engineering plans for construction of municipal, industrial, and State waste water treatment facilities. Estimate the number of proposals to be reviewed during this plan year _____ .

4.1.2 What review of engineering plans does the agency perform to assure that proposed pollution control facilities will achieve compliance with interstate water quality standards?

4.2 Municipal Construction Assistance

*4.2.1 If any, describe the State's financial assistance program to local governments for construction of waste water treatment facilities. Indicate the amount available, the procedures and requirements for allocating grants, and estimate the number of projects to be assisted this year. If no program exists, is one formally proposed? Yes _____ No _____ .

4.2.2 Describe the State's advisory services to local agencies for approval of bond issues and other steps in project implementation including assistance in obtaining Federal grants for planning and construction.

4.2.3 Describe any financial and technical assistance which the State provides for maintenance of pollution control facilities.

4.2.4 What procedures does the State agency follow in inspecting pollution control facilities during construction?

4.3 Industrial Waste Treatment Assistance

4.3.1 If the State provides for any subsidy, tax deferment, rapid tax-write-off, or other incentives to encourage industry to construct waste treatment facilities, please describe.

4.3.2 Describe advisory services provided to industry on the effects of industrial development on water quality and on requirements or standards for pollution abatement facilities.

4.3.3 Prepare a list of industrial waste treatment facility needs on intrastate streams on Form FWPCA-112-6.

4.4 Pollution Control Priorities

4.4.1 Provide the agency's criteria system for establishing priorities among municipal waste treatment construction projects as attachment 4.4.1.

4.4.2 Utilizing the criteria system provided above, prepare on Form FWPCA-112-7 a priority list of eligible projects for Federal construction assistance for this plan year.

4.4.3 Prepare on Form FWPCA-112-8 a long range list of all municipal waste treatment construction needs which must be constructed during the next five years.

4.4.4 Describe the State's program to control water pollution from its installations and facilities. Submit a list of sources of pollution from State installations on Form FWPCA-112-9.

4.4.5 List Federal installations which discharge waste waters not in conformance with State water quality standards and regulations.

5. Training

5.1 Training of Waste Treatment Plant Personnel

5.1.1 Describe the State's program for training of waste water treatment plant operators and technicians. Distinguish between programs offered for professionals, operators, and technicians and between courses offered new operators, refresher courses, and basic or supplemental instruction.

5.1.2 Describe proposed expansion or changes in the training program.

5.1.3 Is assistance from other Federal programs used for training programs? Yes_____ No_____. If yes, please describe. Indicate how the agency will participate in the interagency Cooperative Area Manpower Planning System (CAMPS).

5.1.4 Suggest assistance which FWPCA can provide in training of treatment plant personnel.

5.2 Staff Training

5.2.1 Describe training programs for staff personnel.

5.2.2 Describe provisions or assistance the agency has for professional training through extension courses, scholarships, educational leaves, attendance at FWPCA training programs, and special courses.

5.2.3 Describe special training programs provided for summer temporary personnel, or under cooperative, or vocational education programs.

5.2.4 Indicate proposed changes to extend or improve staff training programs. How can FWPCA assist in these efforts?

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6. Pollution Control Studies and Planning

6.1 Pollution Control Studies

*6.1.1 Describe river basin surveys, waste disposal inventories, and other general studies being conducted by the agency or to be initiated under this plan. Provide copies of studies completed since transmittal of the preceding plan.

*6.1.2 Indicate the status of special studies being undertaken in conjunction with water quality standards implementation.

*6.1.3 Describe other studies of special pollution problems such as those caused by livestock feedlots, mine drainage, stormwater overflows, cooling water discharges, soil erosion, irrigation return flows, discharges from vessels and marinas, nutrients, pesticides, and natural sources of pollution which are being carried out or are proposed by the State. Include any cooperative studies such as with the State fish and wildlife agency, water resources or other agencies, or with the State's water resources research center. Provide copies of studies completed since transmittal of preceding plan.

*6.1.4 List requests which the State or its political subdivisions expect to submit under this plan for the following assistance from FWPCA:

a) Basin planning grants
b) Research and demonstration grants for advanced waste treatment.
c) Research and demonstration grants for combined sewer and stormwater pollution control.
d) Research and demonstration grants for joint municipal and industrial treatment systems.
e) Special studies assistance.

6.2 Planning Activities

*6.2.1 Describe the State's current long range water quality management planning activities. What specific activities will be undertaken during this year? Provide a copy of planning reports completed since transmittal of the preceding plan.

6.2.2 Name the agency designated to receive and administer water resources planning grants for purposes of the Federal Water Resources Planning Act. Describe participation by the pollution control agency in that planning program.

6.2.3 Describe the agency's participation in Federal water resources planning being conducted by FWPCA, the Water Resources Council, and other Federal agencies.

6.2.4 If any, describe the contribution the agency makes toward preparation or revision of State Comprehensive Plan being financed through the Urban Planning Assistance Program (701) of the Department of Housing and Urban Development.

6.2.5 Indicate planning coordination between the applicant and the State's outdoor recreation and fish and wildlife planning and management agencies for State outdoor recreation planning.

6.2.6 If the State conducts, supports, or requires regional and metropolitan sewerage or pollution control planning, describe the status and approach of such planning.

7. Public Information

7.1 Describe the agency's provisions for and activities in dissemination of pollution control news.

7.2 List the titles, purposes, and circulation of movies, reports, and documents which the agency makes available for public information.

7.3 Indicate any proposed changes or expansion in the public information program including emphasis being placed on water quality standards and on special reports on particular pollution problems. Describe any assistance which FWPCA can provide in improving the program.

APPENDIX C

ENVIRONMENTAL PROTECTION AGENCY
WATER QUALITY OFFICE
REGIONAL OFFICES

ENVIRONMENTAL PROTECTION AGENCY - REGIONAL OFFICES

Region I John F. Kennedy Federal Bldg. Boston, MA 02203	Maine New Hampshire Connecticut Vermont	Massachusetts Rhode Island NEIWPCC
Region II 26 Federal Plaza Rm 847 New York, NY 10007	New York Puerto Rico New Jersey	Virgin Islands I.S.C.
Region III P. O. Box 12900 Philadelphia, PA 19108	Pennsylvania Maryland West Virginia Delaware	Virginia Dist. of Columbia INCOPOT D.R.B.C.
Region IV 1421 Peachtree St. Suite 300 Atlanta, GA 30309	Kentucky North Carolina South Carolina Mississippi	Tennessee Alabama Florida Georgia
Region V 33 East Congress Pkwy. Rm. 410 Chicago, IL 60605	Minnesota Michigan Indiana Wisconsin	Illinois Ohio ORSANCO
Region VI 1114 Commerce Street Dallas, TX 75202	New Mexico Arkansas Texas	Oklahoma Louisiana
Region VII 911 Walnut Street Kansas City, MO 64106	Nebraska Kansas Iowa	Missouri
Region VIII Lincoln Tower Bldg. 1860 Lincoln Street Denver, CO 80203	Montana Wyoming Utah North Dakota	South Dakota Colorado
Region IX 760 Market Street San Francisco, CA 94102	California Arizona Guam	Hawaii Nevada
Region X 1206 6th Avenue Seattle, WA 98101	Alaska Idaho Oregon	Washington

Digest of FY 1971 State Program Plans
Appendix C

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